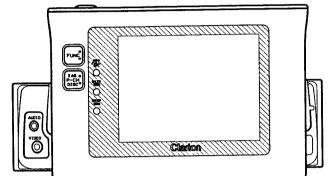
# clarion Service Manua

Published by Service Dept.



**CLAR-00366** 



CAR COLOR LCD TV/VISUAL **AUDIO CENTER UNIT** 

Model **TVX4151** 

(QZ-1113K)

# **■ SPECIFICATIONS**

:4"(82mm width×62mm height) Screen size :Transmission type TN LCD Display method :TFT active matrix driving Drive method :112,086(470×234) Pixels Tuning :PLL synthesizer

Reception channels: VHF-2 to 12(CCIR channels)

1 to 11(NZ channels)

A to H2(Italian channels)

UHF-21 to 69(CCIR channels)

Reception method: PAL-B/G

Intermediate frequencies: Video;38.9MHz

Audio;33.4MHz

(5.5MHz intercarrier)

:75Ω,unbalanced Antenna input

VTR video input :1.0±0.2Vp-p

:(input impedance  $75\Omega$ )

: φ 3.5 mini-jacks

VTR audio input :130±60mVrms

:(input impedance 45k Q or greater)

: φ 3.5 mini-jacks

Power source voltage :DC 13.2V(10.8 15.6V)

Power consumption :1.5A or less :Approx. 1.4ka

External dimensions:178(W) $\times$ 50(H) $\times$ 156(D)mm

# **COMPONENTS**

● QZ-1113K-A		
Main unit		1
Remote controller	RCB-103-300	1
Battery(CR2025)	_	1
Mounting bracket	300-9519-00	1
Escutcheon	370-5210-00	1
Extension lead	854-3916-00	1
Parts bag	921-9299-00	1
Electro tap	060-0018-00	7
Mounting bracket	300-9511-02	2
Lead holder	335-0833-01	2
Spacer	345-3653-01	1
Machine screw(M2.6×4)	714-2604-11	4
Machine screw(M5×8)	714-5008-41	2
Rear bolt	716-1567-00	1

<sup>\*</sup>For improvement purposes, specifications and design are subject to change without prior notice.

#### FEATURES

- 4-inch Color LCD
  - The TVX4151 uses a 4-inch TFT active matrix drive type color LCD (Liquid Crystal Display) panel providing powerful pictures.
- Various Tuning Methods
   TV stations can be tuned in easily using preset tuning tuning(six stations each for VHF and UHF)manual tuning, and auto tuning.
- Push Up/Down Operation for Good Operability
   A push up/down operation is used to adjust the
   brightness and color density so the picture can be easily
   adjusted to suit your tastes.

- Designed for Driving Safety
- The liquid crystal panel is automatically drawn back into the main unit after approximately 10 seconds if it is pulled out and left in the horizontal position.
- To prevent accidents, the picture turns off and only the sound can be heard when the car is moving.
- The LCD panel can be adjusted freely (stepless) to any angle between vertical and 45°.
- Built-in FM Modulator

The TVX4151 includes a built-in FM modulator so it can easily be connected to FM radios (combination units).

# **ECD AUTO CHANGER DISPLAY SCREEN ERROR MODE TABLE**

Error display	Name of error	Description
ERROR-1	Memory error	This error occurs if the disc loading data,etc.,is lost due to wear of the CD auto changer's battery.(insert an empty magazine and eject it to return to the first disc.)  Note:Remove all the discs from the magazine,insert the empty magazine and press the eject key.
ERROR-2	Mechanical error	This error occurs if there is a problem with the mechanism and the eject or disc selection operation is not completed in the specified amount of time.(Have the CD auto changer serviced.)
ERROR-3	Functional error	This error occurs if the pickup cannot focus after several tries due to scratches on the disc, signal interference, etc. (Replace the disc.)
ERROR-5	Data disc	This error occurs if a CD-ROM or other data disc is inserted.  "ERROR-5" is displayed for 5 seconds, and the next disc is selected.
ERROR-6	Disc error	This error occurs when the disc is loaded upside-down,etc.  "ERROR-6" is displayed for 5 seconds,and the next disc is selected.(Reload the disc properly.)
HI-TEMP	Temperature error	This error occurs when the CD mechanism's temperature sensor detects that the temperature is high.  Wait until the temperature returns to normal to play discs.

#### SETTING THE COUNTRY RECEPTION MODE

Broadcast channels differ from country to country. Use the following procedure to set the broadcast channels gor the country to be received.

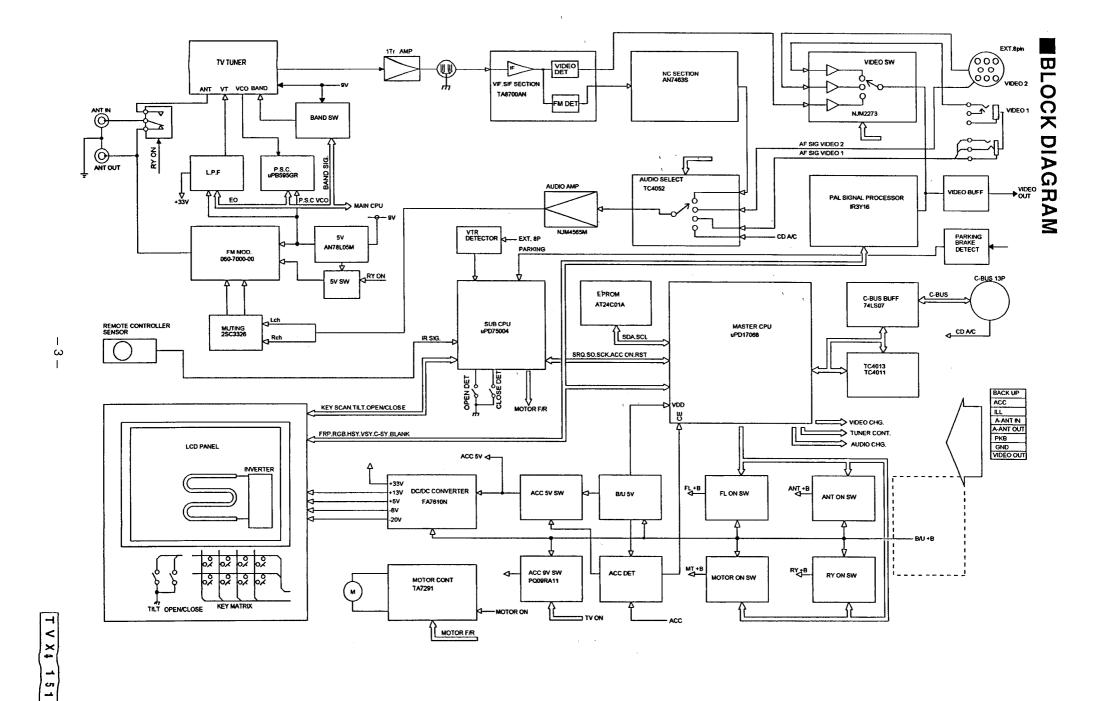
1.Press the FUNC button and the MEMO/Channel CALL/RPT button simultaneously for at least 5 seconds. (The country reception mode setting screen appears. The mode is set to "1 singapore" upon shipment from the factory.)

2.Use the UP/DOWN buttons to display the country to be received.

2.030 tile 01 /DOWN	2.05e the of 700 vivi buttons to display the country to be received.						
Display							
1 SINGAPORE	17 AUSTRIA	33 BAHRAIN					
2 INDONESIA	18 NETHERLAND	34 JORDAN					
3 THAILAND	19 SWISS	35 ALGERIA					
4 MALAYSIA	20 SPAIN	36 UGANDA					
5 SRILANKA	21 GERMANY	37 GHANA					
6 PAKISTAN	22 BELGIUM	38 ZAMBIA					
7 MOLVIDES	23 PORTUGAL	39 NIGERIA					
8 INDIA	24 AFGHANISTAN	40 LIBERIA					
9 BOSNIA I H.	25 U.ARAB E.	41 SIERRA LEONE					
10 SLOVENIJA	26 YEMEN	42 KENYA					
11 MAKEDONIJA	27 ISRAEL	43 SUDAN					
12 ICELAND	28 OMAN	44 ITALY					
13 SWEDEN	29 QATAR	45 ALBANIA					
14 DENMARK	30 CYPRUS	46 NEW ZEALAND					
15 NORWAY	31 KUWAIT						
16 FINLAND	32 TURKEY						

<sup>3.</sup> Press the DISP/SCAN button.

The reception mode for the selected country is set the previous screen reappears.



# **EXPLANATION OF IC**

■µPD75004GB-F90-3B4 052-6009-10 1 DIN TV controller (slave microcomputer)

Outward Form

44-pin plastic QFP

Terminal Description

Term	Terminal Description								
Pin No.	Symbol	1/0	Function						
1	BEEP	I	BEEP ENABLE input terminal (H: ENABLE)						
2	РКВ	I	Parking brake input terminal (L : PKB OFF)						
3	OPEN	ı	Emission limit detection SW input terminal (L: SW ON						
		_	emission end)						
4	KI 3	$_{\rm i}$	Key scan input terminal						
7	кіо								
8	NC	-	Not used						
9	VTR ON	I	VTR connection input terminal (H: VTR connection ON)						
10	SEL 2		Not used (GND connection)						
11	SEL 1								
12	NC	-	Not in use						
13	K02	$\dashv$							
5	1	0	Key scan output terminal						
16	K00								
17	GND	-	GND terminal						
18	XT 1	_	Crystal connection terminal for slave microcomputer clock signal						
19	XT 2		generation						
20	RESET	I	RESET input terminal						
21 22	X 1 X 2	-	Crystal connection terminal for main microcomputer clock signal generation						
23	NC NC	-	Not used						
24	MOTOR R	0	MOTOR R output terminal						
25	MOTORF	0	MOTOR F output terminal						
26	MOTOR ON	0	MOTOR power supply output terminal						
<b>-</b>		-	Not used						
27	NC								
28	DSR	0	DATA SET READY output terminal						
29	NC	-	Not used						
30	so	0	Serial data output terminal						
31	SCK	I	Serial clock input terminal						
32	SPEED	1	Speed pulse input terminal						
33	ACC ON	I	ACC ON detection input terminal (H: ACC ON)						
34	NC	-	Not used						
35	TILT SW	I	Tilt detection SW input terminal (H: horizontal, L: lean)						
36	OP/CLSW	1	OPEN/CLOSE key input terminal (SW ON in fall)						
37	REMOCON	ī	Remote control input terminal						
38	NC	-	Not used						
39	VDD	†_	+5V power supply voltage terminal						
40	1.22	<del>                                     </del>							
5	NC	-	Not used						
42	<u> </u>	+							
43	BUZ	0	Beep tone output terminal						
44	CLOSE detection	I	Storage limit detection SW input terminal (L: SW ON storage end)						

#### Key Matrix Table

Ney Matrix Table				
KEY IN	K1 0	KI 1	K12	KI3
KEY OUT	(7pin)	(8pin)	(9pin)	(10pin)
KO 0 (16pin)	MEMO CALL RPT	DISP SCN	DOWN	SKIP RDM
KO 1 (15pin)	UP	P CH DISC AS	FUNC	
KO 2 (14pin)		-	-	_

 $\blacksquare\,\mu\text{PD17068GF-E22-3BA}\,$  052-6008-10  $\,$  1 DIN TV controller (master microcomputer)

Outward Form

100-pin plastic QFP

#### Terminal Description

Pin No.	Symbol	1/0	Function			
1	NC	-	Not used			
2	FF reset	0	C-BUS FF reset			
3	FF set	0	C-BUS FF set			
4	INTO	-	Connect to GND			
5	NC	_	Not used			
6	TEST PIN	ı	When +B is reset, EEPROM initialize detection terminal			
7	1001111	-				
۱ 9	NC	-	Not used			
10	CBS srq	I	SRQ input terminal of C-BUS			
11	NC	_	Not used			
12						
13 14 18	UB HB LB	0	LB   HB   UB   BAND			
			L H H VHF-L			
15 \	NC	_	Not used			
17	NO.	-	Not used			
19	CBS CONT	0	C-BUS ACC CONT			
20	NC	-	Not used			
21	BEEP en	0	BEEP sound, allowable			
22 23	NC	-	Not used			
24	CBS si	I	Data input terminal of C-BUS			
25	CBS so	0	Data output terminal of C-BUS			
26	CBS sck	0	Clock terminal of C-BUS			
27	NC	1_	Not used			
28	GND	1	GND terminal			
29	OSC out	1-1				
30	-	-				
31	OSC in					
32	OSD g	0	Character signal output terminal			
34	OSD b		Character data output terminal for R, G, B, BLANK			
35	OSD blk	-	Not used			
33	NC	+				
36	HSYNC	I	Horizontal synchronizing signal input terminal			
37	NC	-	Not used			
38	VSYNC	I	Vertical synchronizing signal input terminal			
39	C sync	I	Input terminal of horizontal synchronizing signal correter			
40	NC	-	Not used			
42	DSR	I	DSR input from slave microcomputer			
43 44	NC	-	Not used			
45	SLV si	I	Serial data input from slave microcomputer			
46	CLAMP	0	Constant switching circuit control output for clamping (I for TV)			
47	SLV sck	0	Serial clock signal output to slave microcomputer			
48	NC	-	Not used			
49	EEP scl	0	EEPROM CLK			
<b>—</b>	<del> </del>	1/0	EEPROM DATA			

Pin No.	Symbol	1/0	Function				
51	A chg2	1	Switching of voice output				
52	A chg1	0	Voice output CD VTR 2 VTR 1 TV				
52		1	52 pin L L H H				
			51 pin L H L H				
53	M-ANT	0	Motor antenna ON				
54	MPU reset	0	Reset port control output of slave microcomputer				
55	NC	]	Not used				
56	RY on	0	Antenna switching relay ON				
57			-				
5	NC	-	Not used				
59							
60	COL	0	PWM output for color density adjustment				
61	NC	Τ-	Not used				
62	BRT	0	PWM output for brightness adjustment				
63	NC	T -	Not used				
64	ACC on	0	ACC ON output to slave microcomputer				
65		T					
1	NC	-	Not used				
67							
68	V chg2		Switching of image source				
70	V chg1	0	Image output CD VTR 2 VTR 1 TV				
	_	i i	Topia 2 2 1				
			68 pin L H L H				

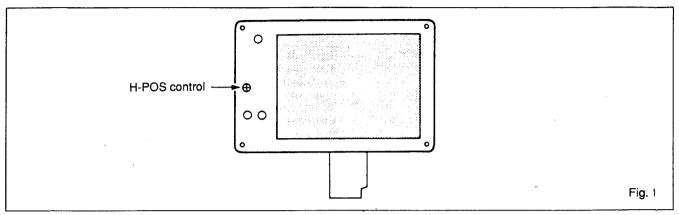
Pin No.	Symbol	ΙΛΟ	Function
69 71 5 73	NC	1	Not used
74	A mute	0	Sound mute
75	V mute	0	Image mute
76	NC	-	Not used
77	FL on	0	LCD back light ON
78	TV on	0	TV tuner ON
79 \ 82	SEL 4 SEL 1	I	Specification setting port (set to L) Priority of last selection=L / Automatic return=H Blue back=L / Black back=H
83	INT 1	-	Connection to VDD
84 85	X out X in	-	Crystal connection terminal for main clock signal
86 87	VDD 0 VDD 1	-	+5V power voltage terminal
88 \ 93	NC	-	Not used
94 95	GND 1 GND 2	-	GND terminal
96	vco	I	PLL VCO input
97	ЕО	0	PLL error output
98	PSC	0	PLL prescaler control output
99	ACC in	I	Input terminal of ACC ON/OFF
100	NC	-	Not used

### ADJUSTMENT

## 1. Adjustment of screen horizontal position

Adjust the H-POS control before assembly of the LCD panel.

Set the LCD panel on the fixture and display the monoscope pattern. Adjust the H-POS control so that the image is centered.



### 2. Adjustment of DC-DC converter

1) Measurement of oscillation frequency

Measure the oscillation frequency of No. 4 pin of IC802 (FA7610N) at test point F. TP.

Check that the oscillation frequency is within 100 KHz±15 KHz.

2) Adjustment of output voltage (VR802)

Connect the DC voltmeter to test point 5V. TP.

Adjust the VR 802 so that the voltage is +5V±0.1V.

3) Output voltage of DC-DC converter

Check that the voltage at each point is as follows.

J851 (FPC connector) +14V±0.5V No. 18 pin No. 19 pin -20V±1.0V No. 25 pin -8V±0.5V + terminal on C111 (35V-22) +34V±1.0V

# Adjustment of equipment for tuner/IF

1) Voltage at tuner pack terminal

Check the voltage at the power terminal of the tuner pack for each band.

Terminal/band	UHF	VHF-H	VHF-L
MB (#7 pin)	8.3~9.3V	<b>4</b>	<b>←</b>
LB (#6 pin)	*0.7V	*3.7V	8.3~9.3V
HB (#5 pin)	0V	8.3~9.3V	0V
UB (#4 pin)	8.3~9.3V	٥V	0V

<sup>\*</sup> The voltage is not externally applied. The status is open circuit.

- 2) Adjustment of LLD coil (IFT203) and measurement of image frequency specification and output level
  - (1) Prepare and connect the measuring instrument as shown in Fig. 3.
  - (2) Disconnect the tuner pack output from the IF input with the test pattern.
  - (3) TV SG setting

Frequency

: P:38.9MHz S:33.4MHz (invert mode)

Output level

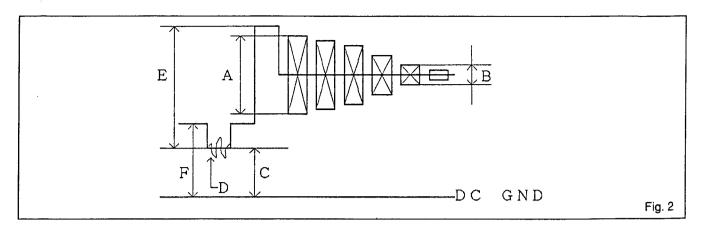
: 85dBµ

Image signal

: Multi-burst and split color bar signal

Voice modulation : 1KHz 30% (15KHz•Dev) MONO

(4) Check the wave form in multi-burst signal as shown below with the oscilloscope.



- (5) Adjust the externally applied IF-AGC voltage to maintain voltage E in the figure at 1.5V.
- (6) Adjust the IFT 203 so that DC potential at C or F in the figure is minimum level. If the wave form is disturbed due to low voltage at C, repeat adjustment in (5) and adjust the IFT203.
- (7) Check that there is no noise at H-SYNC (D).
- (8) Check that the ratio of 4.43 MHz (B) and 500 KHz (A) is in the following range. (measurement of frequency specification)

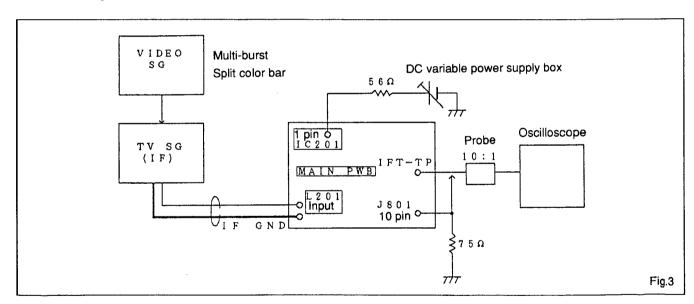
0.5/4.43MHz • • • -10±4dB

(Acceptable if A:B = 5:1 or more.)

(9) Check that the image output is 1V±0.2Vp-p for the split color bar signal.

Measuring point : No.10 pin of J801 at the power source

Measuring conditions :  $75 \Omega$  at termination



- 3) Adjustment of RF-AGC
  - (1) Prepare and connect the measuring instrument as shown in Fig. 4.
  - (2) Connect the tuner pack output to the IF input with the test pattern.
  - (3) TV SG setting

9 ch output level : 85dBµ

Image signal

: Multi-burst signal

Voice modulation: 1KHz 30% (15KHz•Dev) MONO

- (4) Adjust the AGC. VR (VR201) so that the spectrum analyzer indication level is 87 dBμ.
- \* For your information, set values of the spectrum analyzer are shown below. (Use the FET probe for measurement.)

**RES-BW** 

300KHz

V•BW

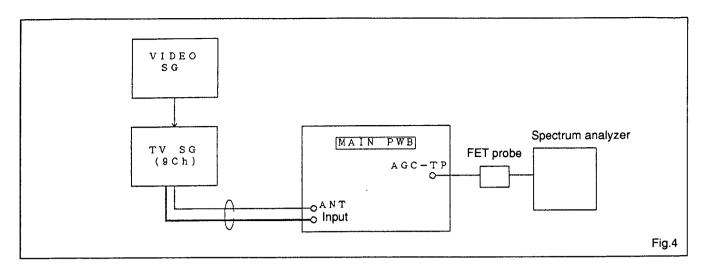
300KHz

f 0

= 38.9MHz

f span

= 10MHz



# 4. Adjustment of voice

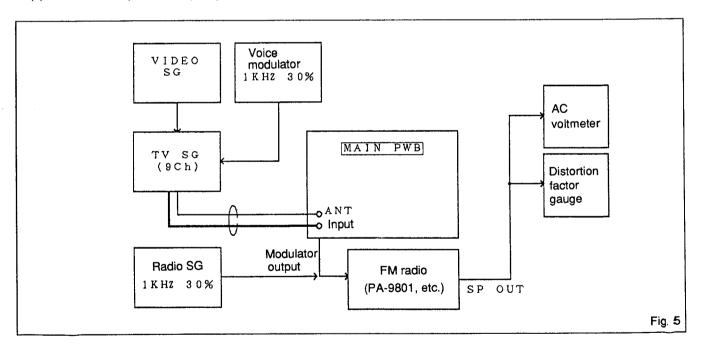
- 1) Adjustment of soft mute
  - (1) Prepare and connect the measuring instrument as shown in Fig. 5.
  - (2) TV SG setting

9 ch output level : 65dBμ

Image signal : Split color bar signal

Voice modulation : 1KHz 30% (15KHz•Dev) MONO

- (3) Receive the TV voice on the FM radio (88.3 MHz or 88.7 MHz). Adjust the sound volume so that it may not clip. Use this point as the 0 dB reference point.
- (4) When the RF input is 12 dB $\mu$ , adjust the VR202 so that the voice output level is lowered by 10 dB.



- 2) Adjustment of voice output and measurement of voice frequency specification and distortion factor
  - (1) Prepare and connect the measuring instrument as shown in Fig. 5.
  - (2) TV SG setting

9 ch output level : 65dBμ

Image signal : Split color bar signal

Voice modulation: 1KHz 30% (15KHz•Dev) MONO

(3) Radio SG setting

RF frequency : 88.3 MHz or 88.7 MHz

RF output :  $65dB\mu$ 

Voice modulation: 1KHz 30% (22.5KHz•Dev) MONO

(4) Adjust the VR 601 (L) and VR602 (R) so that both L and R TV voice outputs are +1 dB±2dB to radio voice outputs.

(5) Check that the voice frequency specification and distortion factor meet the following values.

Frequency specification

70Hz -2±3dB

1 KHz 0 dB (standard)

7KHz -14±4dB

Distortion factor

: 6% or less (20 KHz, LPF or DIN-AUDIO is used.)

# 5. Adjustment of OSD indication position

1) Adjust the OSD with the trimmer capacitor (TC 501).

(1) Prepare and connect the measuring instrument as shown in Fig. 5.

(2) TV SG setting

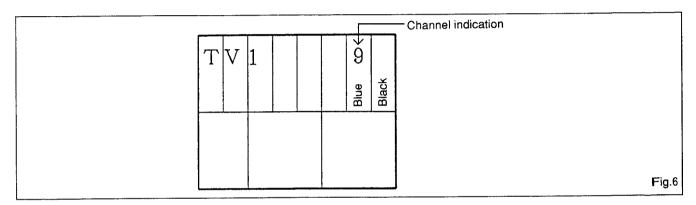
9 ch output level : 65dBμ

Image signal

: Split color bar signal

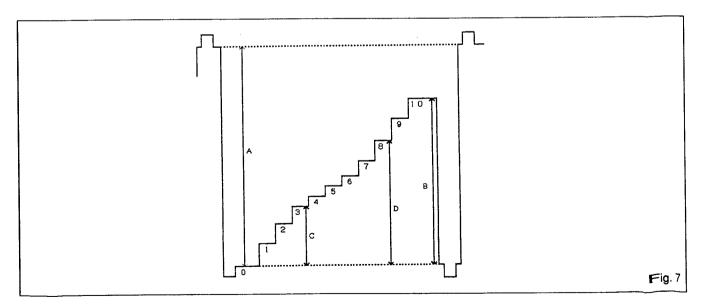
Voice modulation: 1KHz 30% (15KHz•Dev) MONO

(3) Adjust the TC 501 so that receive channel is indicated in the center of blue bar in the split color bar as shown in Fig. 6.



# 6. Adjustment of signal processor

- 1) Adjustment of gamma 1, gamma 2, contrast and peak limiter
  - (1) Input the image signal (10 step staircase, APL=50%) into the external video input terminal.
  - (2) Connect the oscilloscope to test point G. OUT and check the wave form as shown below.

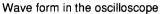


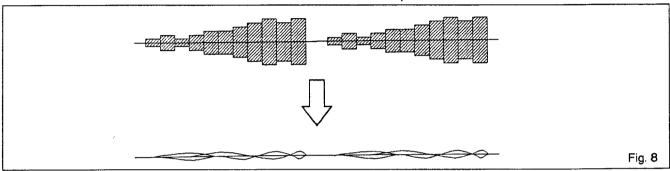
- (3) Adjust brightness (with UP or DOWN button) so that black black level in Fig. 7 is 6V.
- (4) Adjust the contrast VR (VR 408) so that voltage B at the 10th step of 10 step staircase is 4V.
- (5) Adjust the gamma 1 VR (VR 404) so that voltage C at the 3rd step is 2V.
- (6) Check that voltage B is 4V and that voltage C is 2V.

- (7) Set the APL of input image signal to 10%.
- (8) Adjust the peak limiter VR (VR 405) so that voltage B is 5.4V.
- (9) Adjust the gamma 1 VR (VR 404) so that voltage C is 2.4V.
- (10) Adjust the gamma 2VR (VR 403) so that voltage D at the 8th step is 4.6V.
- (11) Check that voltage B is 5.4V, that voltage C is 2.4V and that voltage D is 4.6V.

#### 2) Adjustment of white balance

- (1) Input the image signal (10 step staircase, APL=50%) into the external video input terminal.
- (2) Using 2-phenomena oscilloscope, check wave forms at test points G. OUT and R. OUT simultaneously. (Check G. OUT in CH-1 and R. OUT in CH-2. Invert the CH-2 with the invert switch on the oscilloscope and check the wave form in ADD-mode.)

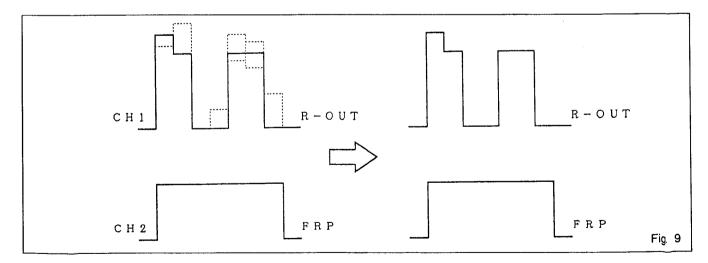




- (3) Adjust the sub-bright R-VR (VR 402) and the sub-contrast R-VR (VR 407) so that the wave form is linear as shown above.
- (4) Check the wave form at test point B. OUT in CH-2 and the wave form at test point G. OUT in CH-1 simultaneously. Adjust the sub-bright B-VR (VR 401) and the sub-contrast B-VR (VR 406) so that the wave form is linear as shown above.

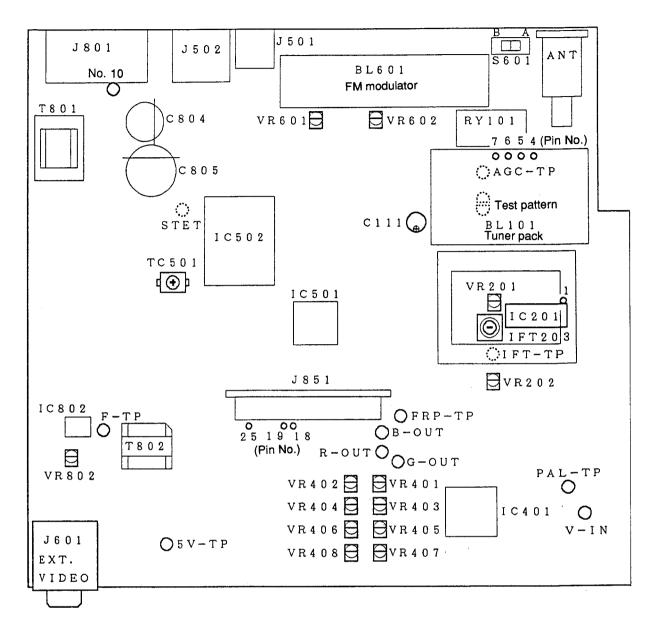
#### 3) Adjustment of burst cleaning coil

- (1) Input the image signal (standard color bar signal) into the external video input terminal.
- (2) Check test point R. OUT and test point FRP simultaneously with the oscilloscope.
- (3) Apply trigger to FRP to check the wave form shown below.



(4) Turn and adjust the burst cleaning coil (L 404) so that the wave form deviation of R. OUT is minimized.

# **Test Point**



<sup>\*</sup>AGC-TP, test pattern and IFT-TP in the figure are present on the soldering surface.

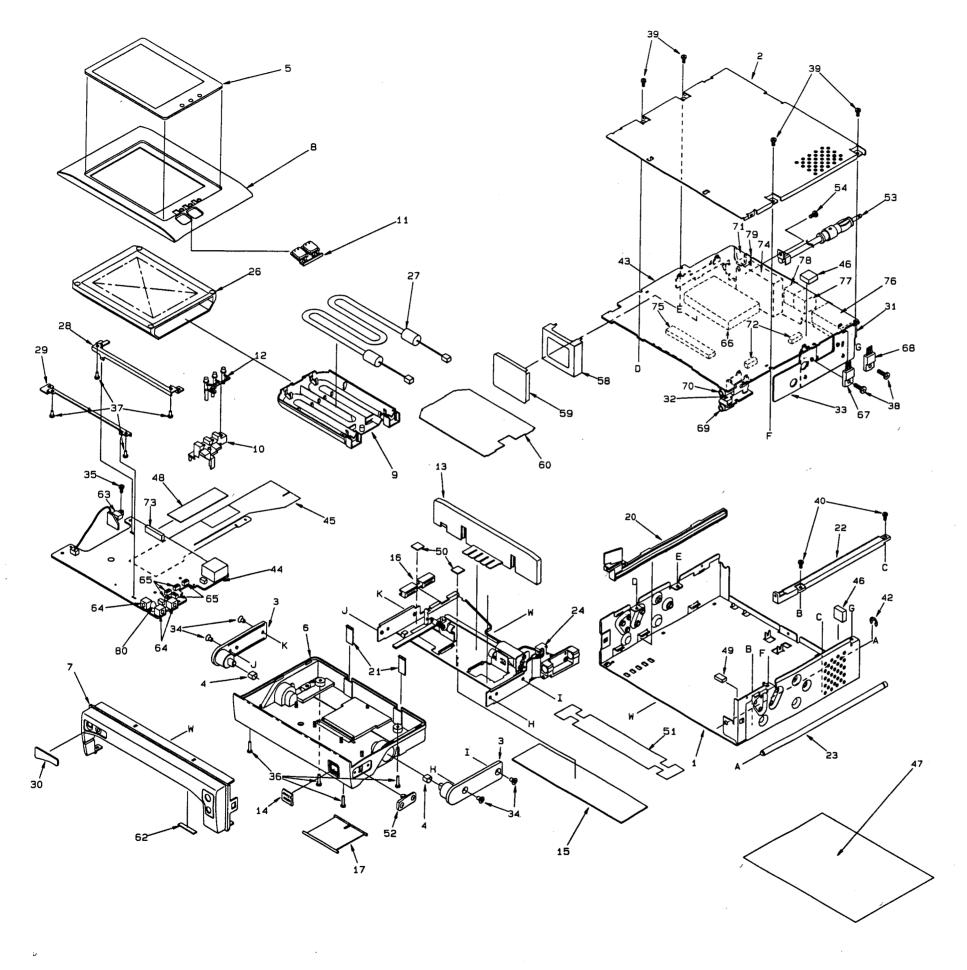
# PARTS LIST

	INIMI	N PWB						(55	- 11- 1	DADTAL	DESSCRIPTION
RE	F No.	PART No.	DESSCRIPTION	RE	F No.	PART No.	DESSCRIPTION	_	No.	PART No.	
BL	601	060-7000-00	RF MODULATOR	C	403	183-1063-31	16V10uF	C		176-5091-00	•
C	101	178-1032-78	0.01uF	C	404	178-1032-78	0.01uF	C	602	178-1042-78	0.1uF
C		178-1032-78		c	405	178-1032-78	0.01uF	C	603	178-1032-78	0.01uF
C		178-1032-78	I I	c		178-1032-78		C	604	183-1063-31	16V10uF
1				C		178-1032-78	l I	С	605	183-1063-31	16V10uF
C		178-1032-78		1				C	i	178-2222-78	
C	106	178-1032-78	0.01uF	C		178-1032-78		1			
C	107	183-4763-31	16V47uF	C	409	178-1032-78	0.01uF	C		183-1063-31	
lc	108	172-4741-11	0.47uF	C	410	178-1032-78	0.01uF	C	608	178-2222-78	2200pF
c		178-1032-78		С	411	183-1073-21	10V100uF	С	609	178-2232-78	0.022uF
				C		178-1032-78		С	701	183-1063-31	16V10uF
C		178-3312-78		1				c		183-1063-31	_ 1
C	111	183-2263-52	35V 22uF	C		183-1073-21	*******	1			_
C	112	178-1022-78	1000pF	C	414	183-4743-61		C	- 1	183-1063-31	_
c	113	178-1032-78	0.01uF	C	415	178-1032-78	0.01uF	C	704	183-1063-31	16V10uF
C	114	178-1042-78	I	C	416	178-1032-78	0.01uF	lc	705	183-1063-31	16V10uF
				C		178-4732-78		c	706	183-4763-31	16V47uF
C		178-1022-78						c		183-1063-31	_
C		176-1007-00		C		178-1032-78	1				
C	117	178-1032-78	0.01uF	C	419	178-1032-78		С	- 1	178-1542-78	
C	118	178-1022-78	1000pF	lC	420	176-1511-00	150pF	C	709	178-1542-78	0.15uF
C		176-1007-00	<b>'</b>	lc	422	176-1201-00	12pF CH	C	710	176-1811-00	180pF CH
			•	c		178-1032-78	· ·	c	711	176-1811-00	180pF CH
C		178-1032-78						C		183-4753-51	
C	203	178-1032-78		C	424	183-1053-61					_ 1
C	204	183-4753-51	35V4.7uF	C		178-1532-78		C		183-4763-31	
С	205	178-1032-78	0.01uF	C	426	176-5601-00		C		183-1063-51	
C		182-1073-33		lc	427	178-2222-78	2200pF	C	804	184-1083-32	16V1000uF
		178-1073-33	l i	C	428	178-1032-78		C	805	184-4783-12	6.3V 4700uF
C		4 '	l I				1	c		178-1042-78	
С		178-1032-78	1	C	429	178-1032-78					_
C	209	178-1032-78	0.01uF	C	430	178-1032-78		С	807	183-1073-21	
C	210	183-4743-61	50V0.47uF	C	431	178-1032-78	0.01uF	C		183-4763-31	
С		178-1032-78	l I	c	432	178-1032-78	0.01uF	C	809	183-4753-51	35V4.7uF
c		178-1032-78		c	433	178-6812-78		С	810	176-1021-00	1000pF CH
1		1	1			183-1073-21	'	C		183-1073-21	,
С		176-3301-00	1 ' . I	C	434					178-2222-78	
C	214	178-1032-78	0.01uF	C	435	178-1032-78		С		i i	•
C	215	183-1063-31	16V10uF	C	436	178-1042-78	0.1uF	C		178-3312-78	
C	216	178-1032-78	0.01uF	C	437	178-1042-78	0.1uF	C	814	178-3312-78	330pF
C		178-2232-78	1	C	438	178-1042-78	0.1uF	lc	815	184-2273-32	16V220uF
				c	439	178-1042-78		c	816	043-0265-01	100V 100pF
C		178-2232-78				1		c		042-0470-05	
C	219	184-4773-21	10V 470uF	C	440	183-1053-61	l I		1		
C	220	183-4753-51	35V4.7uF	C	441	178-2232-78	0.022uF	C	818	042-0478-00	
C	221	178-1022-78	1000pF	C	501	183-4763-11	6.3V47uF	C	819	183-1073-12	6.3V100uF
اما		178-1022-78		lc	502	178-2232-78	0.022uF	C	820	042-0470-05	35V12uF
00		1	! ' I	C	504	178-1032-78	l	c	821	183-1073-21	10V100uF
	223	176-1011-00					1	c	822	182-2263-62	
С	224	176-3301-00	1	C		178-1042-78	l	•			
C	226	178-1042-78	0.1uF	C	508	178-1042-78	0.1uF	C	823	183-4763-31	
C	227	178-4732-78	0.047uF	C	509	178-1032-78		C	824	176-1511-00	150pF
C	228	178-4732-78	0.047uF	C	510	183-4763-11	6.3V47uF	C	825	178-3312-78	330pF
C		178-1042-78	1 :	C	511	178-1022-78	1000pF	c	826	042-0470-05	35V12uF
						178-1022-78		c	830	183-1073-21	i
С		178-2722-78		C				1		183-4763-31	
C		178-1032-78		C		178-1022-78		С	851		l l
C	232	183-4763-31	16V47uF	C		176-1011-00		C	852	172-1041-10	l
C		183-4763-31		C	515	178-1032-78	0.01uF	D	101	001-0516-00	,
lc.		178-3912-78		C		183-4763-11		D	102	001-0516-00	MA111
ľ		178-2712-78		C	517	178-1032-78	l v	D	103	001-0516-00	MA111
00000						176-1032-70		D		001-0506-00	
تا	236	178-1022-78		C							i l
	237	178-1022-78		C		176-1201-00		D	105	001-0506-00	1
C	238	176-1011-00		C	520	178-1032-78	0.01uF	D	106	001-0506-00	
C		178-2232-78		C	521	178-1022-78	1000pF	D	107	001-0583-13	MA8030
C	240	183-2263-31		C	522	178-1032-78		D	108	001-0516-00	MA111
C		183-1063-31		C	523	178-1042-78	1 1	D	201	001-0541-00	1
٦	241					176-3901-00		D		001-0367-00	
C	242	183-1063-31	,	C						l .	
C	243	183-1063-31	1	C		176-3001-00	1 ' 1	D	302	001-0367-00	•
C	244	178-1032-78	0.01uF	C	529	178-1042-78	0.1uF	D	401	001-0516-00	
С	245	172-2731-10		c	530	178-1042-78	0.1uF	D	503	001-0516-00	MA111
C		1		C	531	178-1042-78		D	506	001-0516-00	
	246					L	l i	D	507	001-0583-24	1
C	247			C		184-4773-22				1	
C	248			C	533	178-1042-78		D	508	001-0583-24	
C	249	173-8221-11		C	534	178-1032-78	0.01uF	D	509	001-0583-24	1
C	250	1		l c	535	178-2232-78	0.022uF	D	801	001-0466-00	S5688B
C	251			c		178-2232-78		D	802	001-0466-00	S5688B
C				C		178-1032-78		D	803	001-0516-00	
	252					1	1				
C	301	183-1063-31		C	538			D	804	001-0583-23	
C	302	183-1063-31	16V10uF	C	539	178-1032-78	0.01uF	D	805	001-0334-30	Į.
lc	303	183-1063-31	1 16V10uF	c	540	178-1032-78	1 0.01uF	ם	806	001-0516-00	MA111
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C	401	1		C	542	183-4763-31		D	808	001-0516-00	1
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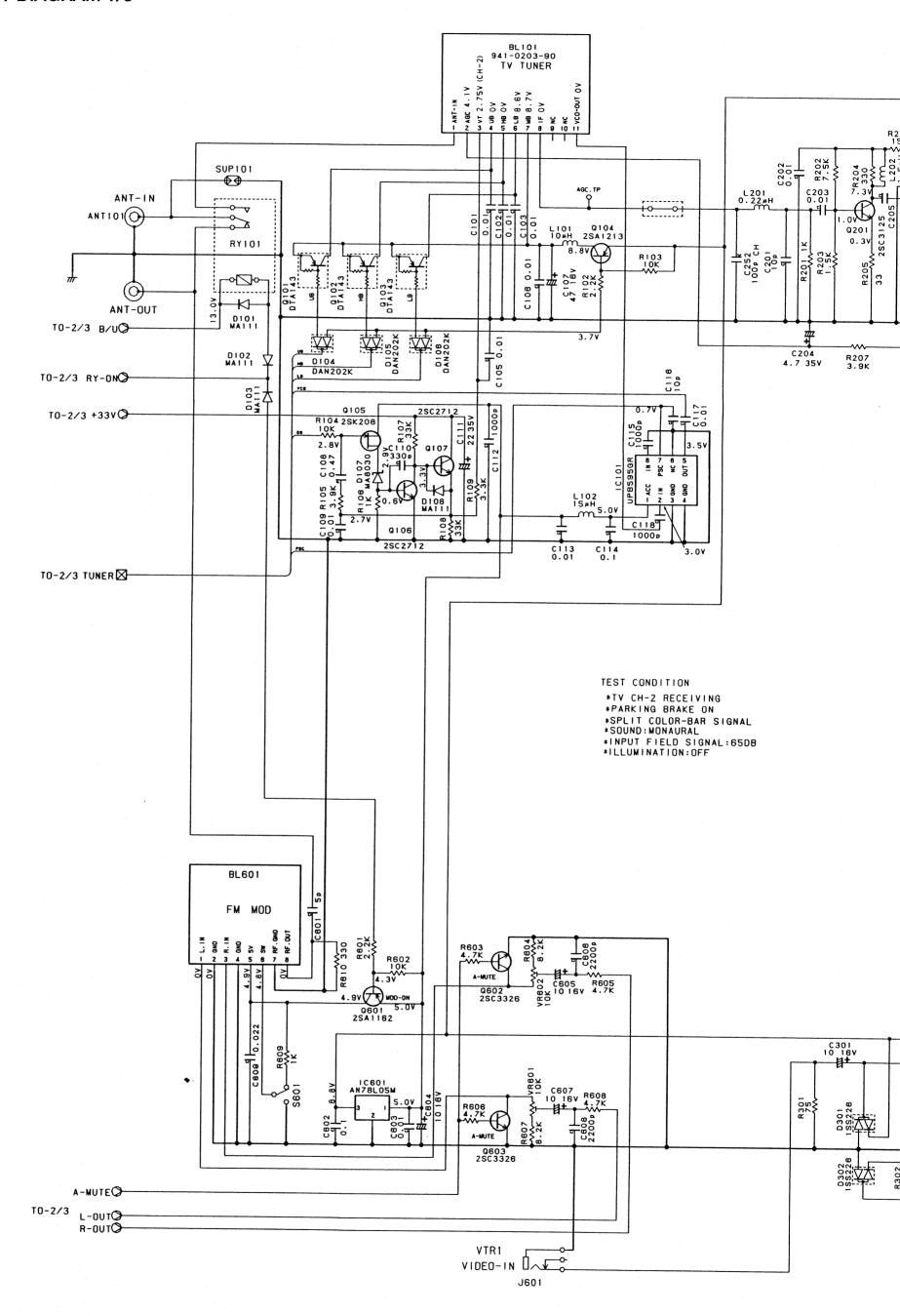
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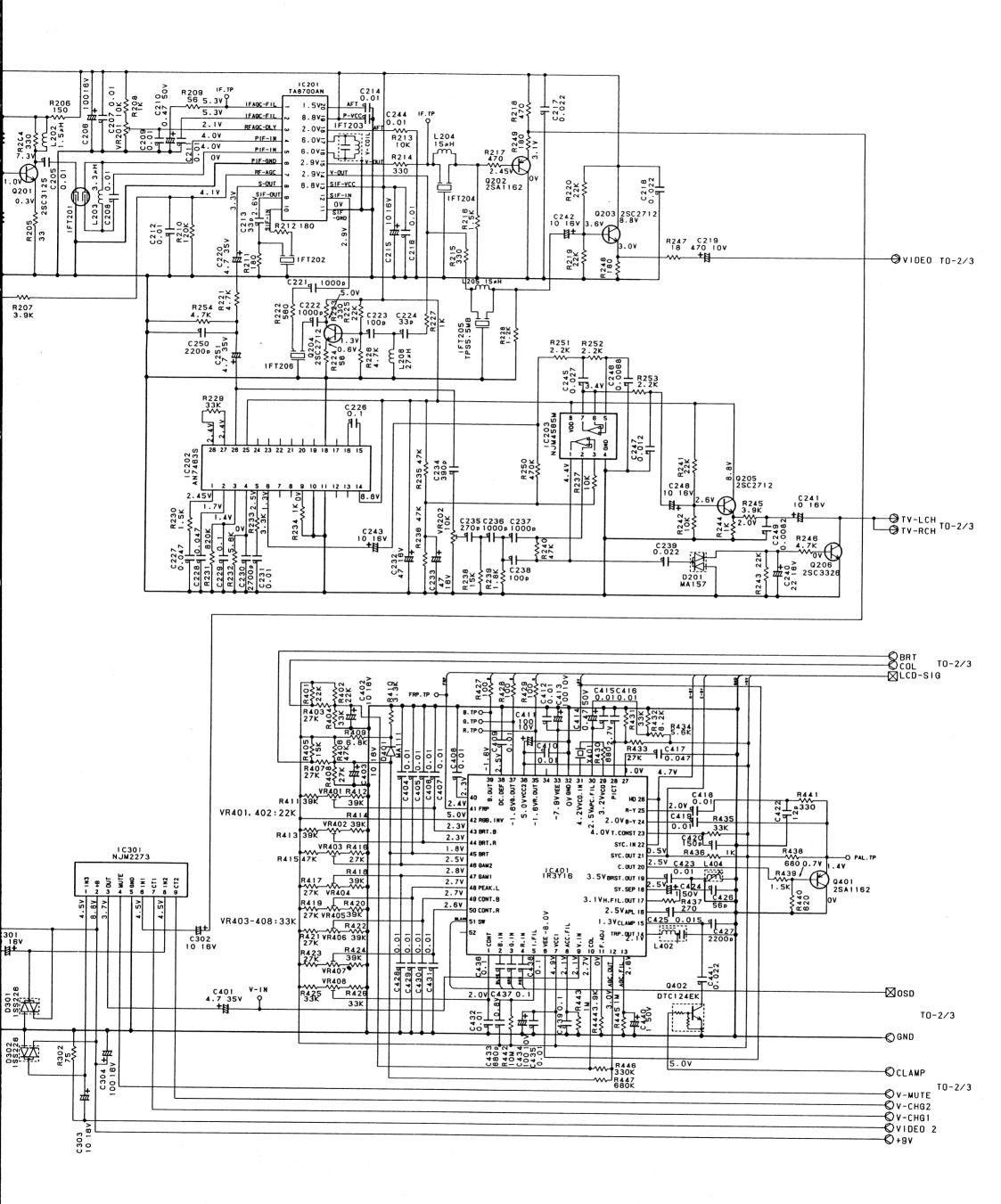
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The control of the	PEGGGBIPTION	DEED DADT No DESCRIPTION	REE NO PART NO DESSCRIPTION	REF No. PART No. DESSCRIPTION	REF No. PART No. DESSCRIPTION	REF No. PART No. DESSCRIPTION
Description   Company					R 807 117-1021-10 1/10W 1kOHM	
Description   Control	D 810 001-0528-36 MA8062H	l l'	11 1 1	R 526 117-1021-10 1/10W 1kOHM	R 808 117-3921-10 1/10W 3.9kOHM	
1	· · · · · · · · · · · · · · · · · · ·	1 1		R 527 117-1021-10 1/10W 1kOHM		11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Dec   1995   Process   P	1= 1 (	1 1	R 250 117-4741-10 1/10W 470kOHM	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1) 1	11 <sup>-</sup> 1
Part   Control		1	R 251 117-2221-10 1/10W 2.2kOHM	1 1	1 1	
Description	1 1 1	Q 603 102-3326-00 2SC3326		l. 1 (	I I I I I I I I I I I I I I I I I I I	)
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Description   Control	D 818 001-0516-00 MA111	1 1	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		I I I I	11
Description of the control of the	D 819 001-0330-00 ISS119	1			11 1	11 1 1 1
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Column   C		1	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	[ ]	11 1 1 1
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Column   C	1 1 1	1	11" 1 1	l. 171   1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	R 820 118-1021-10 1/2W 1kOHM	Q 32 102-3668-00 2SC3668
Column   C				R 539 117-2231-10 1/10W 22kOHM	R 822 118-2292-10 1/2W 2.2OHM	!! ! ! !
6   60   60   60   60   60   60   60		1	R 406 117-4731-10 1/10W 47kOHM	R 540 117-2231-10 1/10W 22kOHM	R 823 117-5621-10 1/10W 5.6kOHM	
Geography   Geog		1	R 407 117-2731-10 1/10W 27kOHM		1 1	
Column   C		Q 813 100-1213-00 2SA1213	R 408 117-2731-10 1/10W 27kOHM	1 1 1	1 1	
C 00 00-04-05-05   Section   C 00 00-04-05-05   Section   C 00 00-04-05-05   Section   C 00-04		Q 814 125-2020-03 DTC124EK	11" 1 1		11	<b> </b>
C			11 1 1	1 1 1	11	11 1 1
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C	IC 505 051-0172-05 TC4011BF	1	1 1 1	1 1 1		11
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Co.   19    Det-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1			R 419 117-2731-10 1/10W 27kOHM	R 553 117-1521-10 1/10W 1.5kOHM	T 801 009-0621-01	S 6  013-3741-11
FT 700   500-2000 o   C   500-500 o   C   50			R 420 117-3931-10 1/10W 39kOHM	R 554 117-1521-10 1/10W 1.5kOHM	T 802 007-1120-00	11 1 1
IFT 720   095-000-00   CRIST-SAME   R   203   1171-1271-11   1170-00   200-00   R   204   1171-1271-11   117			R 421 117-2731-10 1/10W 27kOHM	R 555 117-1521-10 1/10W 1.5kOHM	1 1 1 1	11 1 1
Fit 72   006-000-00   785-548   R   204   117-201-10   1/070   300-004   R   420   117-201-10   1/070   300-004   R		R 203 117-1521-10 1/10W 1.5kOHM	R 422 117-3931-10 1/10W 39kOHM	1 1 1		11'
Fit 7   60   600-2000   CPS-5-848   R   205   117-301-10   1/100   300-004   R   42   117-301-10   1/100   300-004   R   42   117-301-10   1/100   300-004   R   42   117-301-10   1/100   300-004   R   43   117-301-10   1/100   300-004   R   44   117-301-10   1/100   300-004   R   45	1 1	R 204 117-3311-10 1/10W 330OHM		1 1 1	•	1 2   007-1119-00
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2 30 1952/19-82 3-3.8H R 21 17-103-1-10 /1/0W 30-00HM R 242 117-231-10 /1/0W 30-00HM R 243 117-231-10 /1/0W 30-00HM R 244 117-331-10 /1/0W 30-00HM R 244 117-331-10 /1/0W 30-00HM R 245 117-231-10 /1/0W 30-00HM R 245 11					VR 408 012-5123-08 33kOHM	
2 24   107-2330-22   150H				R 603 117-4721-10 1/10W 4.7kOHM	VR 601 012-5123-06 10kOHM	
2 25   101-2330-22   15MH	1 1	11 1	R 433 117-2731-10 1/10W 27kOHM	R 604 117-8221-10 1/10W 8.2kOHM	: 1	
L 260   1010-2330-282   27/H		11:	R 434 117-5621-10 1/10W 5.6kOHM	1 1 1		
L 404		R 216 117-1521-10 1/10W 1.5kOHM				
L 501   010-2230-022   100-H				1 1 1		
L 502 010-2199-28 202H			1 1 1	1 1 1	1X 502 001-1066-00 8.0MH2	
L 503 010-2271-00 1000H R 221 117-4721-10 170W 47X0-HM R 701 117-4721-10 170W 47X0-HM R 702 117-4721-10 170W 47X0-HM R 703 117-4721-10 170W 47X0-HM R 705 1				1 1 1 1		
L 802   010-2271-00   1000H	1 1	1		1 1 1		
L 682 010-2279-00 100UH R 221 117-351-10 17/0W 330CHM R 442 117-1051-10 17/0W 330CHM R 443 117-351-10 17/0W 330CHM R 705 117-4731-10 17/0W 47KCHM R 707 117-4721-10 17/0W 47KCHM R 709 117-4721-10 17/0W 47KCHM R 709 117-2231-10 17/0W 22KCHM R 710 117-2231-10 17/0W 22KCHM R 711 117-12231-10 17/0W 22KCHM R 711 117-2231-10 17/0W 47KCHM R 71	1 1		11 1 1	1 1 1		
L 803 010-2271-00 100H R 225 117-2521-10 170W 250CHM R 441 117-5051-10 170W 110HM R 245 117-2521-10 170W 250CHM R 510 117-2521-10 170W 250CHM R 705 117-4721-10 170W 47KOHM R 705 117-4721	1- 1		11 1 1 1 1 1 1 1	1 1 1		
L 851 010-2271-00 1000H R 225 117-2231-10 17/0W 28/CHM R 256 117-4721-10 17/0W 47/CHM R 256 117-4721-10 17/0W 28/CHM R 256 117-4721-10 17/0W 47/CHM R 256 1	1 - · · · · · · · · · · · · · · · · · ·			1 1 1		
L 552   010-2271-00   100-00 H   R   226   117-4721-10   1/10W 4.7kOHM   R   445   117-1021-10   1/10W 4.7kOHM   R   445   117-1021-10   1/10W 4.7kOHM   R   446   117-1021-10   1/10W 4.7kOHM   R   446   117-1021-10   1/10W 4.7kOHM   R   447   117-1021-10   1/10W 4.7kOHM   R   447   117-1021-10   1/10W 4.7kOHM   R   447   117-1021-10   1/10W 4.7kOHM   R   448   117-1021-10   1/10W 4.7kOHM   R   447   117-1021-10   1/10W 4.7kOHM   R   448   117				1 1 1		
PRT801 051-1570-10 ICP-F15 R 227 117-1021-10 1/10W 1/CDHM R 246 117-3341-10 1/10W 33NCHM R 501 117-221-10 1/10W 1/CDHM R 709 117-4721-10 1/10W 4/RCHM R 709 117-4721-10 1/10W 2/RCHM R 709 117-2231-10 1/10W 3/RCHM R 709		FI 1		• 1 1 1		
Q 101 125-0014-01 DTA143EK R 228 117-1221-10 1/10W 1.2KOHM R 501 117-2231-10 1/10W 2.2KOHM R 501 117-2231-10 1/10W 2.2KOHM R 709 117-2231-10 1/10W 1.2KOHM R 800 117-2231-10 1/10W 1.2KOHM R 801 117-2231-10 1/10W 1.2KOHM R 8		1				
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Q 103 125-0014-01 DTA143EK R 230 117-521-10 1/10W 1.5kOHM R 506 117-2231-10 1/10W 22kOHM R 710 117-8241-10 1/10W 12kOHM R 711 117-821-10 1/10W 12kOHM R	Q 102 125-0014-01 DTA143EK	R 229 117-3331-10 1/10W 33kOHM				
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Q 107 102-2712-00 2SC21125 R 235 117-4731-10 1/10W 47kOHM R 515 117-4731-10 1/10W 47kOHM R 516 117-4331-10 1/10W 22kOHM R 517 117-1021-10 1/10W 12kOHM R 518 117-1021-10 1/10W 12kOHM R 518 117-1021-10 1/10W 12kOHM R 519 117-2231-10 1/10W 22kOHM R 519 117-2231-10 1/10W 4.7kOHM R 500 117-1021-10 1/10W 12kOHM R 5		H 233 117-3321-1017/10W 3.3KOMM		, , , , , , , , , , , , , , , , , , ,		
Q 201 102-312-50   2SC312-5   R 236 117-4731-10   1/10W 47kOHM   R 514 117-1021-10   1/10W 1kOHM   R 717   1/17-8221-10   1/10W 8.kOHM   R 717   1/17-8221-10   1/10W 8.kOHM   R 719   1/17-831-10   1/10W 1kOHM   R 720   1/17-831-10   1/10W 6kOHM   R 720   1/17-6831-10   1/10W 4.7kOHM   R 801   1/17-4721-10   1/10W 4.7kOHM   R 801		D 235 117-1021-10 1/10W 1KONM		1 1 1		
Q 203 102-2712-00 2SC2712 R 237 117-1031-10 1/10W 10kOHM R 515 117-2231-10 1/10W 22kOHM R 718 117-1231-10 1/10W 12kOHM R 719 117-1231-10 1/10W 12kOHM R 719 117-1231-10 1/10W 12kOHM R 719 117-1231-10 1/10W 18kOHM R 801 117-1231-10 1/10W 4.7kOHM R 801 117-1231-10 1/10W 4.7kOHM R 801 117-1231-10 1/10W 18kOHM R 8	• • • • • • • • • • • • • • • • • • •	B 236 117-4731-10 1/10W 47kOHM				
Q 204 102-2712-00 2SC2712 R 238 117-1531-10 1/10W 15kOHM R 516 117-2231-10 1/10W 12kOHM R 719 117-1831-10 1/10W 18kOHM R 801 117-4731-10 1/10W 18kOHM R 801 117-4731-10 1/10W 18kOHM R 801 117-4731-10 1/10W 47kOHM R 801 117-4731-10 1/10W 47kOHM R 801 117-1831-10 1/10W 47kOHM R 801	1 1	R 237 117-1031-10 1/10W 10kOHM	R 515 117-2231-10 1/10W 22kOHM	R 717 117-8221-10 1/10W 8.2kOHM		
Q 205 102-2712-00 2SC2712 R 239 117-1821-10 1/10W 1.8KOHM R 518 117-1021-10 1/10W 1KOHM R 519 117-2331-10 1/10W 25KOHM R 519 117-2231-10 1/10W 25KOHM R 520 117-1021-10 1/10W 1KOHM R 520 117-1021-10 1/10W 1.5KOHM R 520 117-2021-10 1/10W 5.6KOHM			R 516 117-2231-10 1/10W 22kOHM	1 1 1		
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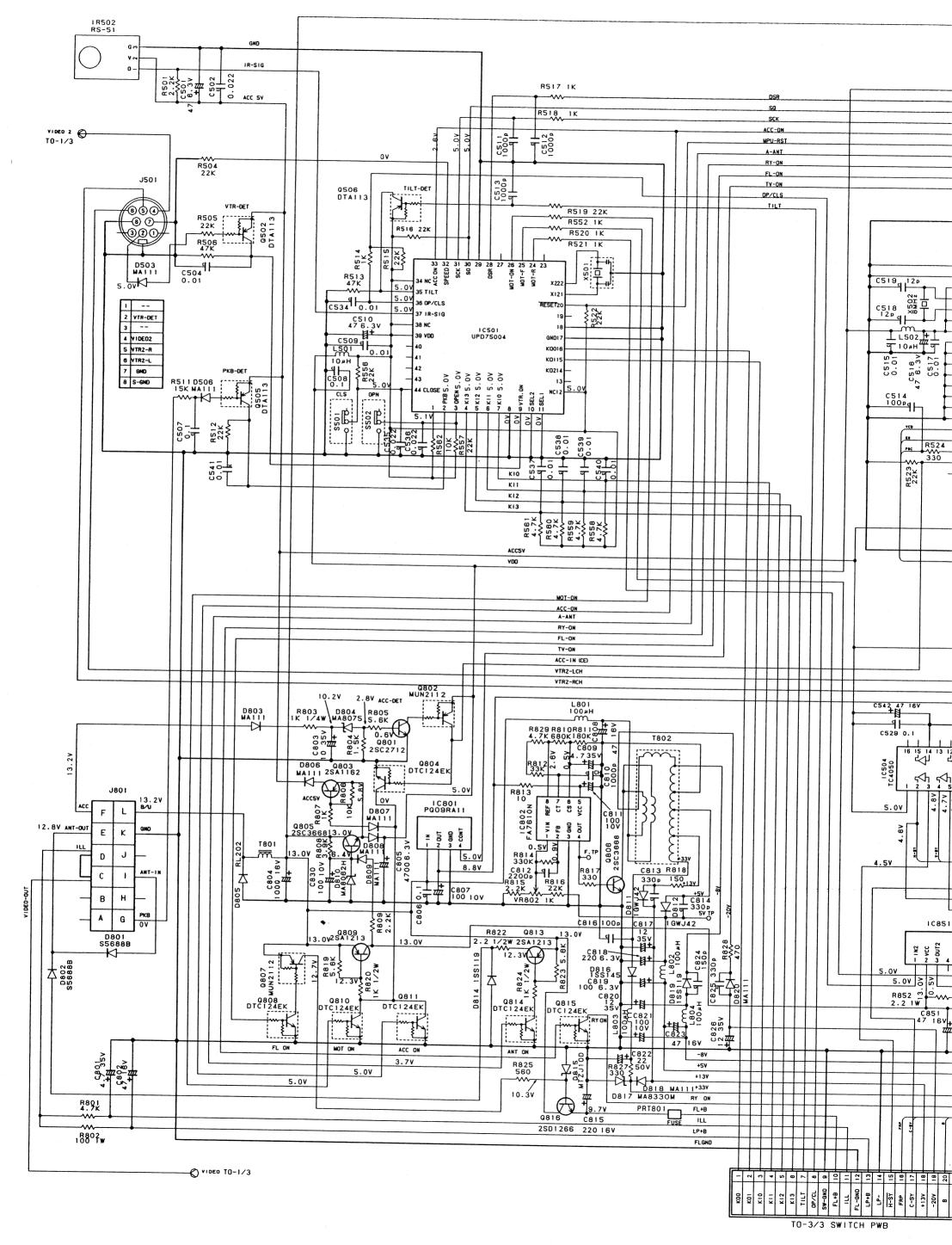
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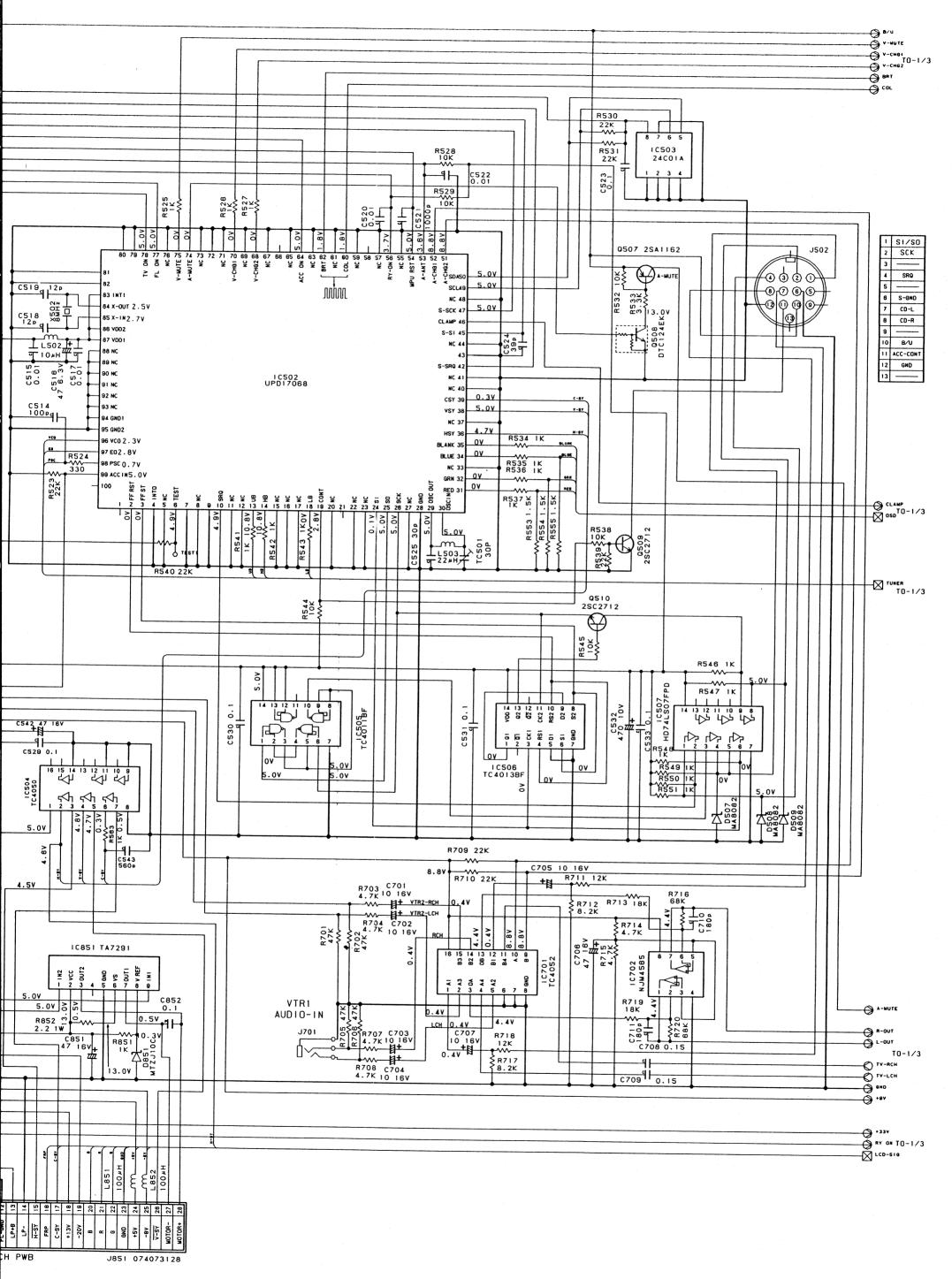


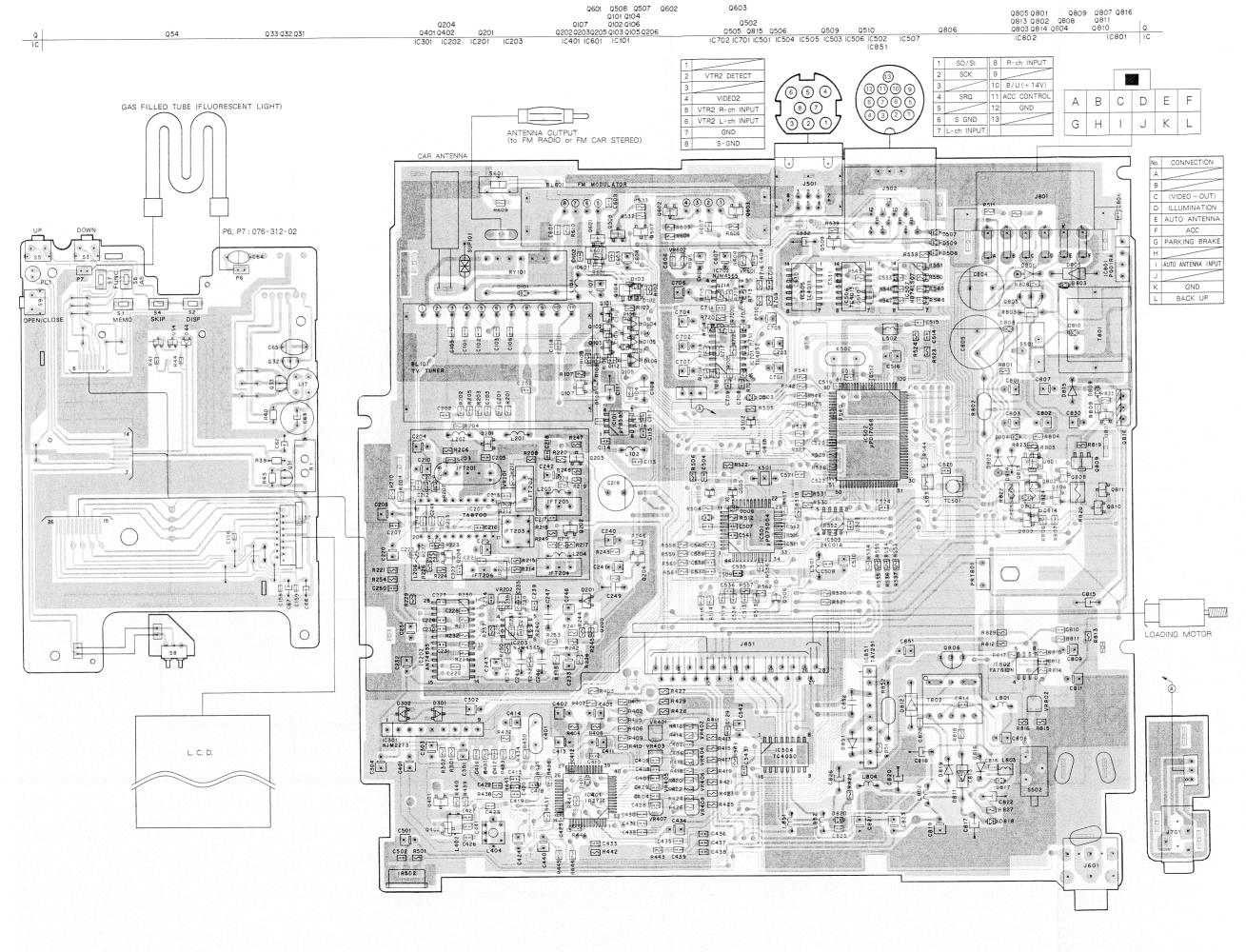
1   311-1570-30   LOWER CASE   1   2   310-1515-03   UPPER CASE   1   3   947-0345-00   TORQUE BUSH   2   4   750-3053-00   D.SPRING   2   5   373-0745-40   LCD COVER   1   6   377-0198-13   DIAL SUPPORT   1   6   377-0198-13   DIAL SUPPORT   1   7   370-5472-40   ESCUTCHEON   1   8   373-0742-00   DIAL COVER   1   1   337-0742-00   DIAL COVER   1   1   335-401-00   LLUMI PLATE   1   1   382-3529-10   BUTTON A   1   1   1   382-3529-10   BUTTON B   1   1   382-3529-10   BUTTON B   1   1   382-3529-10   BUTTON B   1   1   382-3529-10   DEVELOR BUTTON   1   1   382-3527-00   OPEN BUTTON   1   1   382-3527-00   OPEN BUTTON   1   1   335-4809-00   HOLD PLATE COVER   1   1   1   335-4809-00   HOLD PLATE COVER   1   1   335-4981-00   SLIDER   1   1   1   335-4981-00   SLIDER   1   1   1   335-4981-00   SLIDER   1   1   1   2   3   3   3   3   3   3   3   3   3			
2   310-1515-03   UPPER CASE   1   3   947-0345-00   TORQUE BUSH   2   4   750-3053-00   D-SPRING   2   5   373-0745-40   LCD COVER   1   377-0198-13   DIAL SUPPORT   1   7   370-5472-40   ESCUTCHEON   1   8   373-0742-20   DIAL SUPPORT   1   1   7   370-5472-40   ESCUTCHEON   1   8   373-0742-20   DIAL COVER   1   1   1   382-3529-10   BUTTON A   1   1   1   382-3529-10   BUTTON A   1   1   1   382-3529-10   BUTTON B   1   1   1   1   382-3529-10   BUTTON B   1   1   1   1   1   1   1   1   1	1		QTY
3   947-0345-00   TORQUE BUSH		311-1570-30 LOWER CASE	
4   750-3053-00   D-SPRING		310-1515-03   UPPER CASE	
5   373-0745-40   LCD COVER	_		
6   377-0198-13   DIAL SUPPORT	_	750-3053-00 D-SPRING	_
370-5472-40   ESCUTCHEON			
8   373-0742-00   DIAL COVER   1   9   374-0919-00   BACK PLATE   1   10   335-4610-00   ILLUMI PLATE   1   11   382-3529-10   BUTTON A   1   12   382-3529-10   BUTTON B   1   13   335-4609-00   HOLD PLATE COVER   1   14   382-3527-00   OPEN BUTTON   1   15   347-3894-00   SHADE   1   16   335-4381-00   SLIDER   1   17   335-4608-00   FPC COVER   1   17   335-4608-00   FPC COVER   1   17   335-4608-00   FPC COVER   1   17   335-4383-01   SLIDE HOLDER   1   18   19   19   19   19   19   19		377-0198-13 DIAL SUPPORT	+
9   374-0919-00   BACK PLATE			
10			
11   382-3529-10   BUTTON A	_		
12			11
13   335-4609-00   HOLD PLATE COVER   1   14   382-3527-00   OPEN BUTTON   1   15   347-3894-00   SHADE   1   16   335-4381-00   SLIDER   1   17   335-4608-00   FPC COVER   1   17   335-4608-00   FPC COVER   1   18   19   19   19   19   19   19			1
14   382-3527-00   OPEN BUTTON			1
15   347-3894-00   SHADE		335-4609-00 HOLD PLATE COVER	1
16   335-4381-00   SLIDER			1
17   335-4608-00   FPC COVER			
20   335-4383-01   SLIDE HOLDER	16		1
21   335-4384-00   LOCK		335-4608-00 FPC COVER	1
22   335-3854-01   RACK	20	335-4383-01   SLIDE HOLDER	1
23		335-4384-00 LOCK	2
23	22	335-3854-01 RACK	
24-1   948-0319-02   HOLD PLATE ASSY   1   24-1   020-1501-01   DC-MOTOR   1   24-2   613-0309-00   WORM GEAR   1   26   379-0434-00   INDICATOR(LCD)   1   27   060-0353-00   GAS FILLED TUBE(BACK LIGHT)   1   28   331-0308-00   LCD PLATE A   1   1   29   331-0309-00   LCD PLATE B   1   1   30   373-0743-20   DIAL COVER A   1   1   31   331-0307-00   JACK HOLDER   1   32   331-0307-00   JACK HOLDER   1   33   331-51525-00   HEAT SINK   1   34   716-1598-00   SCREW   4   35   702-2006-81   TAP SCREW   4   36   702-2006-81   TAP SCREW(M2X10)   4   37   702-2605-81   TAP SCREW(M2X10)   4   39   716-0878-00   IT-SCREW   2   2   39   716-0878-00   IT-SCREW   4   4   2   4   3039-0513-00   MAIN PWB   1   4   4   039-0082-02   SWITCH PWB   1   4   4   039-0082-02   SWITCH PWB   1   4   4   339-0066-00   FLEX PWB   1   4   4   339-0067-00   FLEX PWB   1   1   4   4   339-0067-00   FLEX PWB   1   1   4   4   339-0067-00   FLEX PWB   1   1   4   345-5096-00   RUBBER SPACER   2   2   382-3528-00   UP DOWN BUTTON   1   5   385-6310-01   ANTENNA CORD   1   5   331-0042-00   SHIELD CASE   1   5   331-0042-10   SHIELD CASE			
24-1   020-1501-01   DC-MOTOR		948-0319-02 HOLD PLATE ASSY	
24-2   613-0309-00   WORM GEAR   1   26   379-0434-00   INDICATOR(LCD)   1   1   27   060-0353-00   GAS FILLED TUBE(BACK LIGHT)   1   28   331-0308-00   LCD PLATE B   1   30   373-0743-20   DIAL COVER A   1   1   331-0307-05   CONNECTOR PLATE   1   32   331-0307-05   CONNECTOR PLATE   1   32   331-0307-05   CONNECTOR PLATE   1   33   313-1525-00   HEAT SINK   1   34   716-1598-00   SCREW   4   35   702-2006-81   TAP SCREW   1   36   702-2010-87   TAP SCREW(M2X10)   4   37   702-2605-81   MACHINE SCREW   2   39   716-0878-00   IT-SCREW   4   4   4   714-2605-81   MACHINE SCREW   2   2   743-4000-10   E-RING   1   4   4   303-00513-00   MAIN PWB   1   4   4   303-00513-00   MAIN PWB   1   4   4   303-00513-00   MAIN PWB   1   4   4   303-00513-00   RUBBER SPACER   2   4   7   286-8417-00   SETPLATE   1   4   4   303-0067-00   FLEX PWB   1   4   4   303-0067-00   FLEX PWB   1   5   353-0427-00   SHADE B   1   5   5   331-0042-00   SHIELD CASE   1   5   331-0042-00   SHIELD CASE   1   5   331-30427-00   SHIELD CASE   1   5   331-30427-00   SHIELD CASE   1   5   331-30427-00   SHIELD CASE   1   5   331-3042-00   SHIELD COVER   1   6   347-3395-00   SWITCH   5   6   347-			-
26   379-0434-00   INDICATOR(LCD)   1   1   27   060-0353-00   GAS FILLED TUBE(BACK LIGHT)   1   28   331-0308-00   LCD PLATE A		613-0309-00 WORM GFAR	+
27 060-0353-00 GAS FILLED TUBE(BACK LIGHT) 1 28 331-0308-00 LCD PLATE A 1 29 331-0309-00 LCD PLATE B 1 30 373-0743-20 DIAL COVER A 1 31 331-0307-05 CONNECTOR PLATE 1 32 331-0307-00 JACK HOLDER 1 33 313-1525-00 HEAT SINK 1 34 716-1598-00 SCREW 4 35 702-2006-81 TAP SCREW 4 36 702-2010-87 TAP SCREW(M2X10) 4 37 702-2605-81 TAP SCREW(M2X10) 4 38 714-3010-81 MACHINE SCREW 2 39 716-0878-00 IT-SCREW 4 40 714-2605-81 MACHINE SCREW 2 41 743-4000-10 E-RING 1 43 039-0513-00 MAIN PWB 1 44 039-0082-02 SWITCH PWB 1 45 039-0066-00 FLEX PWB 1 46 345-5095-00 RUBBER SPACER 2 47 286-8417-00 SETPLATE 1 48 039-0067-00 FLEX PWB(LCD) 1 49 345-5096-00 RUBBER SPACER 1 51 353-0427-00 SHADE B 1 52 382-3528-00 UP DOWN BUTTON 1 53 855-6310-01 ANTENNA CORD 1 54 731-3006-81 TAPTIGHT 1 55 331-0042-00 SHIELD CASE 1 56 331-0042-00 SHIELD CASE 1 57 103-1266-00 TRANSISTOR 1 58 013-3741-11 SWITCH 5 59 331-0041-00 SHIELD COVER 1 60 347-3895-00 SPACER PLATE 1 61 013-3932-00 SWITCH 5 62 347-3895-00 SPACER PLATE 1 63 013-3974-00 SWITCH 1 64 013-3932-00 SWITCH 5 65 941-0203-90 TUNER PACK 1 67 103-1266-00 TRANSISTOR 1 68 051-1788-00 IC 1 69 075-0339-00 JACK 1 71 092-0612-03 ANTENNA RECEPTACLE 1 72 013-3880-02 SWITCH 2 73 074-1042-16 OUTLET SOCKET(12P) 1 74 060-7000-00 RF-MODULATOR 1 75 074-0731-28 OUTLET SOCKET(12P) 1 76 074-1030-00 OUTLET SOCKET(12P) 1 77 074-1022-01 OUTLET SOCKET(12P) 1 78 074-1030-00 OUTLET SOCKET(12P) 1 79 013-5002-00 SWITCH 1		379-0434-00 INDICATOR/I CDV	
28   331-0308-00   LCD PLATE A   1		060-0353-00 GAS FILLED TURE/RACK LIGHT	
29   331-0309-00   LCD PLATE B   1   30   373-0743-20   DIAL COVER A   1   1   31   331-0037-05   CONNECTOR PLATE   1   32   331-0307-00   JACK HOLDER   1   1   33   313-1525-00   HEAT SINK   1   34   716-1598-00   SCREW   4   35   702-2006-81   TAP SCREW   4   36   702-2010-87   TAP SCREW   1   37   702-2605-81   TAP SCREW   4   37   702-2605-81   TAP SCREW   4   37   702-2605-81   TAP SCREW   4   38   714-3010-81   MACHINE SCREW   2   39   716-0878-00   IT-SCREW   4   4   4   714-2605-81   MACHINE SCREW   2   2   4   4   4   743-4000-10   E-RING   1   4   1   303-0513-00   MAIN PWB   1   4   1   039-0066-00   FLEX PWB   1   4   4   039-0066-00   FLEX PWB   1   4   4   039-0066-00   FLEX PWB   1   4   4   039-0067-00   RUBBER SPACER   2   4   2   2   2   2   2   2   2   2		331-0308-00 I CD PI ATE A	
30   373-0743-20   DIAL COVER A   1   331-0307-05   CONNECTOR PLATE   1   321-0307-05   JACK HOLDER   1   322   331-0307-00   JACK HOLDER   1   33   313-1525-00   HEAT SINK   1   34   716-1598-00   SCREW   4   4   35   702-2006-81   TAP SCREW   1   36   702-2010-87   TAP SCREW   M2X10)   4   37   702-2605-81   TAP SCREW   M2X10)   4   37   702-2605-81   TAP SCREW   M2X10)   4   37   702-2605-81   MACHINE SCREW   2   39   716-0878-00   IT-SCREW   4   40   714-2605-81   MACHINE SCREW   2   42   743-4000-10   E-RING   1   4   4   303-00513-00   MAIN PWB   1   4   4   039-0082-02   SWITCH PWB   1   4   4   039-0082-02   SWITCH PWB   1   4   4   039-0066-00   FLEX PWB   1   4   4   039-0066-00   FLEX PWB   1   4   4   039-0067-00   FLEX PWB   1   4   4   039-0067-00   FLEX PWB   1   4   4   039-0067-00   FLEX PWB(LCD)   1   4   4   4   345-5096-00   RUBBER SPACER   1   5   353-0427-00   SHADE B   1   5   331-0042-00   SHIELD COVER   1   6   347-3395-00   SPACER PLATE   1   6   347-3393-00   SPACER PLATE   1   7   7   7   7   7   7   7   7   7		331-0309-00   CD PI ATE R	
331-037-05   CONNECTOR PLATE   1   32   331-0307-00   JACK HOLDER   1   331-031-0525-00   HEAT SINK   1   34   716-1598-00   SCREW   4   4   35   702-2006-81   TAP SCREW   1   36   702-2010-87   TAP SCREW(M2X10)   4   37   702-2605-81   TAP SCREW(M2X5)   4   38   714-3010-81   MACHINE SCREW   2   39   716-0878-00   IT-SCREW   4   4   4   714-2605-81   MACHINE SCREW   2   42   743-4000-10   E-RING   1   4   303-0513-00   MAIN PWB   1   4   039-0082-02   SWITCH PWB   1   4   039-0082-02   SWITCH PWB   1   4   039-0066-00   FLEX PWB   1   4   039-0066-00   FLEX PWB   1   4   039-0067-00   FLEX PWB   1   4   039-0067-00   FLEX PWB   1   1   4   039-0067-00   FLEX PWB   1   1   1   1   1   1   1   1   1			
32 331-0307-00 JACK HOLDER 33 313-1525-00 HEAT SINK 4 716-1598-00 SCREW 4 4 35 702-2006-81 TAP SCREW 1 36 702-2010-87 TAP SCREW(M2X10) 4 7 702-2605-81 TAP SCREW(M2,6X5) 4 8 714-3010-81 MACHINE SCREW 2 99 716-0878-00 IT-SCREW 40 714-2605-81 MACHINE SCREW 2 2 42 743-4000-10 E-RING 1 43 039-0513-00 MAIN PWB 1 44 039-0082-02 SWITCH PWB 1 5 039-0066-00 FLEX PWB 1 6 345-5095-00 RUBBER SPACER 2 74 286-8417-00 SETPLATE 1 8 039-0067-00 FLEX PWB(LCD) 1 9 345-5096-00 RUBBER SPACER 1 1 353-0427-00 SHADE B 1 1 52 382-3528-00 UP DOWN BUTTON 1 53 855-6310-01 ANTENNA CORD 1 54 731-3006-81 TAPTIGHT 1 58 331-0042-00 SHIELD CASE 1 0 347-3895-00 SPACER PLATE 1 1 60 347-3895-00 SPAC		331-0037-05 CONNECTOR DI ATE	
33 313-1525-00 HEAT SINK		331-0307-00 JACK HOLDED	
34 716-1598-00 SCREW 4 35 702-2006-81 TAP SCREW 1 36 702-2010-87 TAP SCREW(M2X10) 4 37 702-2605-81 TAP SCREW(M2.6X5) 4 38 714-3010-81 MACHINE SCREW 2 39 716-0878-00 IT-SCREW 4 40 714-2605-81 MACHINE SCREW 2 41 743-4000-10 E-RING 1 42 039-0513-00 MAIN PWB 1 43 039-0513-00 MAIN PWB 1 44 039-0082-02 SWITCH PWB 1 45 039-0066-00 FLEX PWB 1 46 345-5095-00 RUBBER SPACER 2 47 286-8417-00 SETPLATE 1 48 039-0067-00 FLEX PWB(LCD) 1 49 345-5096-00 RUBBER SPACER 1 51 353-0427-00 SHADE B 1 52 382-3528-00 UP DOWN BUTTON 1 53 855-6310-01 ANTENNA CORD 1 54 731-3006-81 TAPTIGHT 1 55 331-0042-00 SHIELD COSE 1 60 347-3895-00 SPACER PLATE 1 61 03-3932-00 SWITCH 5 63 013-3974-00 SWITCH 5 64 013-3932-00 SWITCH 5 65 013-3741-11 SWITCH 5 66 941-0203-90 TUNER PACK 1 67 103-1266-00 TRANSISTOR 1 68 051-1788-00 IC 1 69 075-0339-00 JACK 1 71 092-0612-03 ANTENNA RECEPTACLE 1 72 013-3880-02 SWITCH 2 73 074-1042-16 OUTLET SOCKET(12P) 1 74 060-7000-00 RF-MODULATOR 1 75 074-1042-01 OUTLET SOCKET(12P) 1 76 074-0884-00 OUTLET SOCKET(12P) 1 77 074-1022-01 OUTLET SOCKET(VIDEO) 1 78 074-1030-00 SWITCH 5 79 013-5002-00 SWITCH 1			
35			
36	$\overline{}$		
37         702-2605-81         TAP SCREW(M2.6X5)         4           38         714-3010-81         MACHINE SCREW         2           39         716-0878-00         IT-SCREW         4           40         714-2605-81         MACHINE SCREW         2           42         743-4000-10         E-RING         1           43         039-0513-00         MAIN PWB         1           44         039-0066-00         FLEX PWB         1           45         039-0066-00         FLEX PWB         1           46         345-5095-00         RUBBER SPACER         2           47         286-8417-00         SETPLATE         1           48         039-0067-00         FLEX PWB(LCD)         1           49         345-5096-00         RUBBER SPACER         1           51         353-0427-00         SHADE B         1           52         382-3528-00         UP DOWN BUTTON         1           53         385-6310-01         ANTENNA CORD         1           54         731-3006-81         TAPTIGHT         1           58         331-0042-00         SHIELD CASE         1           59         331-0041-00         SHIELD CO			
38         714-3010-81         MACHINE SCREW         2           39         716-0878-00         IT-SCREW         4           40         714-2605-81         MACHINE SCREW         2           42         743-4000-10         E-RING         1           43         039-0513-00         MAIN PWB         1           44         039-0082-02         SWITCH PWB         1           45         039-0066-00         FLEX PWB         1           46         345-5095-00         RUBBER SPACER         2           47         286-8417-00         SETPLATE         1           48         039-0067-00         FLEX PWB(LCD)         1           49         345-5096-00         RUBBER SPACER         1           51         353-0427-00         SHADE B         1           52         382-3528-00         UP DOWN BUTTON         1           53         855-6310-01         ANTENNA CORD         1           54         731-3006-81         TAPTIGHT         1           58         331-0042-00         SHIELD CASE         1           59         331-0041-00         SHIELD CASE         1           60         347-3895-00         SPACER PLATE<			
39	_		4
40 714-2605-81 MACHINE SCREW 42 743-4000-10 E-RING 43 039-0513-00 MAIN PWB 44 039-0082-02 SWITCH PWB 45 039-0066-00 FLEX PWB 46 345-5095-00 RUBBER SPACER 47 286-8417-00 SETPLATE 48 039-0067-00 FLEX PWB(LCD) 49 345-5096-00 RUBBER SPACER 51 353-0427-00 SHADE B 52 382-3528-00 UP DOWN BUTTON 53 855-6310-01 ANTENNA CORD 54 731-3006-81 TAPTIGHT 58 331-0042-00 SHIELD CASE 59 331-0041-00 SHIELD COVER 60 347-3895-00 SPACER PLATE 1 1 62 347-3309-00 INSULATOR (SHADE) 63 013-3974-00 SWITCH 64 013-3932-00 SWITCH 65 013-374-11 SWITCH 66 941-0203-90 TUNER PACK 67 103-1266-00 TRANSISTOR 68 051-1788-00 IC 69 075-0339-00 JACK 70 075-0324-01 JACK 71 092-0612-03 ANTENNA RECEPTACLE 72 013-3880-02 SWITCH 73 074-1042-16 OUTLET SOCKET(16P) 74 060-7000-00 RF-MODULATOR 75 074-0731-28 OUTLET SOCKET(17P) 76 074-0884-00 OUTLET SOCKET(17P) 77 074-1022-01 OUTLET SOCKET(17P) 78 074-1030-00 OUTLET SOCKET(17P) 79 013-5002-00 SWITCH 1			
42       743-4000-10       E-RING       1         43       039-0513-00       MAIN PWB       1         44       039-0082-02       SWITCH PWB       1         45       039-0066-00       FLEX PWB       1         46       345-5095-00       RUBBER SPACER       2         47       286-8417-00       SETPLATE       1         48       039-0067-00       FLEX PWB(LCD)       1         49       345-5096-00       RUBBER SPACER       1         51       353-0427-00       SHADE B       1         52       382-3528-00       UP DOWN BUTTON       1         53       855-6310-01       ANTENNA CORD       1         54       731-3006-81       TAPTIGHT       1         58       331-0042-00       SHIELD CASE       1         59       331-0041-00       SHIELD COVER       1         60       347-3895-00       SPACER PLATE       1         62       347-3895-00       SWITCH       1         63       013-3974-00       SWITCH       1         64       013-3932-00       SWITCH       3         65       013-3741-11       SWITCH       5			
43 039-0513-00 MAIN PWB 1 44 039-0082-02 SWITCH PWB 1 45 039-0066-00 FLEX PWB 1 46 345-5095-00 RUBBER SPACER 2 47 286-8417-00 SETPLATE 1 48 039-0067-00 FLEX PWB(LCD) 1 49 345-5096-00 RUBBER SPACER 1 51 353-0427-00 SHADE B 1 52 382-3528-00 UP DOWN BUTTON 1 53 855-6310-01 ANTENNA CORD 1 54 731-3006-81 TAPTIGHT 1 58 331-0042-00 SHIELD CASE 1 59 331-0041-00 SHIELD COVER 1 60 347-3895-00 SPACER PLATE 1 61 013-3932-00 SWITCH 1 63 013-3974-00 SWITCH 3 65 941-0203-90 TUNER PACK 1 66 941-0203-90 TUNER PACK 1 67 103-1266-00 TRANSISTOR 1 68 051-1788-00 IC 1 69 075-0339-00 JACK 1 70 075-0324-01 JACK 1 71 092-0612-03 ANTENNA RECEPTACLE 1 72 013-3880-02 SWITCH 2 73 074-1042-16 OUTLET SOCKET(18P) 1 75 074-0731-28 OUTLET SOCKET(18P) 1 76 074-0884-00 OUTLET SOCKET(18P) 1 77 074-1032-01 OUTLET SOCKET(18P) 1 78 074-1030-00 OUTLET SOCKET(19D) 1 79 013-5002-00 SWITCH 1		714-2605-81 MACHINE SCREW	
44         039-0082-02         SWITCH PWB         1           45         039-0066-00         FLEX PWB         1           46         345-5095-00         RUBBER SPACER         2           47         286-8417-00         SETPLATE         1           48         039-0067-00         FLEX PWB(LCD)         1           49         345-5096-00         RUBBER SPACER         1           51         353-0427-00         SHADE B         1           52         382-3528-00         UP DOWN BUTTON         1           53         855-6310-01         ANTENNA CORD         1           54         731-3006-81         TAPTIGHT         1           58         331-0042-00         SHIELD CASE         1           59         331-0041-00         SHIELD COVER         1           60         347-3895-00         SPACER PLATE         1           62         347-3309-00         INSULATOR (SHADE)         1           63         013-3974-00         SWITCH         3           65         013-3741-11         SWITCH         3           65         013-3741-11         SWITCH         5           66         941-0203-90         TUNER PACK <td></td> <td></td> <td><math>\overline{}</math></td>			$\overline{}$
45 039-0066-00 FLEX PWB 1 46 345-5095-00 RUBBER SPACER 2 47 286-8417-00 SETPLATE 1 48 039-0067-00 FLEX PWB(LCD) 1 49 345-5096-00 RUBBER SPACER 1 51 353-0427-00 SHADE B 1 52 382-3528-00 UP DOWN BUTTON 1 53 855-6310-01 ANTENNA CORD 1 54 731-3006-81 TAPTIGHT 1 58 331-0042-00 SHIELD CASE 1 59 331-0041-00 SHIELD COVER 1 60 347-3895-00 SPACER PLATE 1 61 347-3309-00 INSULATOR (SHADE) 1 63 013-3974-00 SWITCH 3 65 013-3741-11 SWITCH 5 66 941-0203-90 TUNER PACK 1 67 103-1266-00 TRANSISTOR 1 68 051-1788-00 IC 1 69 075-0339-00 JACK 1 70 075-0324-01 JACK 1 71 092-0612-03 ANTENNA RECEPTACLE 1 72 013-3880-02 SWITCH 2 73 074-1042-16 OUTLET SOCKET(16P) 1 74 060-7000-00 RF-MODULATOR 1 75 074-0731-28 OUTLET SOCKET(12P) 1 76 074-0884-00 OUTLET SOCKET(13P) 1 77 074-1032-01 OUTLET SOCKET(11P) 1 78 074-1030-00 OUTLET SOCKET(11P) 1 79 013-5002-00 SWITCH 1			
46         345-5095-00         RUBBER SPACER         2           47         286-8417-00         SETPLATE         1           48         039-0067-00         FLEX PWB(LCD)         1           49         345-5096-00         RUBBER SPACER         1           51         353-0427-00         SHADE B         1           52         382-3528-00         UP DOWN BUTTON         1           53         855-6310-01         ANTENNA CORD         1           54         731-3006-81         TAPTIGHT         1           58         331-0042-00         SHIELD CASE         1           59         331-0041-00         SHIELD COVER         1           60         347-3895-00         SPACER PLATE         1           62         347-3309-00         INSULATOR (SHADE)         1           63         013-3974-00         SWITCH         3           64         013-3932-00         SWITCH         3           65         013-3741-11         SWITCH         5           66         941-0203-90         TUNER PACK         1           67         103-1266-00         TRANSISTOR         1           68         051-1788-00         IC			
47       286-8417-00       SETPLATE       1         48       039-0067-00       FLEX PWB(LCD)       1         49       345-5096-00       RUBBER SPACER       1         51       353-0427-00       SHADE B       1         52       382-3528-00       UP DOWN BUTTON       1         53       855-6310-01       ANTENNA CORD       1         54       731-3006-81       TAPTIGHT       1         58       331-0042-00       SHIELD CASE       1         59       331-0041-00       SHIELD COVER       1         60       347-3895-00       SPACER PLATE       1         61       2347-3309-00       INSULATOR (SHADE)       1         62       347-3309-00       SWITCH       3         63       013-3974-00       SWITCH       3         64       013-3932-00       SWITCH       5         65       941-0203-90       TUNER PACK       1         66       941-0203-90       TUNER PACK       1         67       103-1266-00       TRANSISTOR       1         68       051-1788-00       IC       1         70       075-0339-00       JACK       1			
48 039-0067-00 FLEX PWB(LCD) 1 49 345-5096-00 RUBBER SPACER 1 51 353-0427-00 SHADE B 1 52 382-3528-00 UP DOWN BUTTON 1 53 855-6310-01 ANTENNA CORD 1 54 731-3006-81 TAPTIGHT 1 58 331-0042-00 SHIELD CASE 1 59 331-0041-00 SHIELD COVER 1 60 347-3895-00 SPACER PLATE 1 62 347-3309-00 INSULATOR (SHADE) 1 63 013-3974-00 SWITCH 1 64 013-3932-00 SWITCH 3 65 013-3741-11 SWITCH 5 66 941-0203-90 TUNER PACK 1 67 103-1266-00 TRANSISTOR 1 68 051-1788-00 IC 1 69 075-0339-00 JACK 1 70 075-0324-01 JACK 1 71 092-0612-03 ANTENNA RECEPTACLE 1 72 013-3880-02 SWITCH 2 73 074-1042-16 OUTLET SOCKET(16P) 1 74 060-7000-00 RF-MODULATOR 1 75 074-0731-28 OUTLET SOCKET(12P) 1 76 074-0884-00 OUTLET SOCKET(13P) 1 77 074-1032-01 OUTLET SOCKET(13P) 1 78 074-1030-00 OUTLET SOCKET(VIDEO) 1 79 013-5002-00 SWITCH 1	_		_2_
49 345-5096-00 RUBBER SPACER 1 51 353-0427-00 SHADE B 1 52 382-3528-00 UP DOWN BUTTON 1 53 855-6310-01 ANTENNA CORD 1 54 731-3006-81 TAPTIGHT 1 58 331-0042-00 SHIELD CASE 1 59 331-0041-00 SHIELD COVER 1 60 347-3895-00 SPACER PLATE 1 62 347-3309-00 INSULATOR (SHADE) 1 63 013-3974-00 SWITCH 1 64 013-3932-00 SWITCH 3 65 013-3741-11 SWITCH 5 66 941-0203-90 TUNER PACK 1 67 103-1266-00 TRANSISTOR 1 68 051-1788-00 IC 1 69 075-0339-00 JACK 1 70 075-0324-01 JACK 1 71 092-0612-03 ANTENNA RECEPTACLE 1 72 013-3880-02 SWITCH 2 73 074-1042-16 OUTLET SOCKET(16P) 1 74 060-7000-00 RF-MODULATOR 1 75 074-0731-28 OUTLET SOCKET(12P) 1 76 074-0884-00 OUTLET SOCKET(13P) 1 77 074-1032-01 OUTLET SOCKET(13P) 1 78 074-1030-00 OUTLET SOCKET(10EO) 1 79 013-5002-00 SWITCH 1		286-8417-00   SETPLATE	1
51 353-0427-00 SHADE B 1 52 382-3528-00 UP DOWN BUTTON 1 53 855-6310-01 ANTENNA CORD 1 54 731-3006-81 TAPTIGHT 1 58 331-0042-00 SHIELD CASE 1 59 331-0041-00 SHIELD COVER 1 60 347-3895-00 SPACER PLATE 1 62 347-3309-00 INSULATOR (SHADE) 1 63 013-3974-00 SWITCH 1 64 013-3932-00 SWITCH 3 65 013-3741-11 SWITCH 5 66 941-0203-90 TUNER PACK 1 67 103-1266-00 TRANSISTOR 1 68 051-1788-00 IC 1 69 075-0339-00 JACK 1 70 075-0324-01 JACK 1 71 092-0612-03 ANTENNA RECEPTACLE 1 72 013-3880-02 SWITCH 2 73 074-1042-16 OUTLET SOCKET(16P) 1 74 060-7000-00 RF-MODULATOR 1 75 074-0731-28 OUTLET SOCKET(12P) 1 76 074-1032-01 OUTLET SOCKET(13P) 1 77 074-1032-01 OUTLET SOCKET(13P) 1 78 074-1030-00 OUTLET SOCKET(17P) 1 78 074-1030-00 OUTLET SOCKET(17P) 1 78 074-1030-00 OUTLET SOCKET(17P) 1 79 013-5002-00 SWITCH 1		039-0067-00 FLEX PWB(LCD)	1
52         382-3528-00         UP DOWN BUTTON         1           53         855-6310-01         ANTENNA CORD         1           54         731-3006-81         TAPTIGHT         1           58         331-0042-00         SHIELD CASE         1           59         331-0041-00         SHIELD COVER         1           60         347-3895-00         SPACER PLATE         1           62         347-3309-00         INSULATOR (SHADE)         1           63         013-3974-00         SWITCH         1           64         013-3932-00         SWITCH         3           65         013-3741-11         SWITCH         5           66         941-0203-90         TUNER PACK         1           67         103-1266-00         TRANSISTOR         1           68         051-1788-00         IC         1           69         075-0339-00         JACK         1           70         075-0324-01         JACK         1           71         092-0612-03         ANTENNA RECEPTACLE         1           72         013-3880-02         SWITCH         2           73         074-1042-16         OUTLET SOCKET(16P)			1
53       855-6310-01       ANTENNA CORD       1         54       731-3006-81       TAPTIGHT       1         58       331-0042-00       SHIELD CASE       1         59       331-0041-00       SHIELD COVER       1         60       347-3895-00       SPACER PLATE       1         62       347-3309-00       INSULATOR (SHADE)       1         63       013-3974-00       SWITCH       1         64       013-3932-00       SWITCH       3         65       013-3741-11       SWITCH       5         66       941-0203-90       TUNER PACK       1         67       103-1266-00       TRANSISTOR       1         68       051-1788-00       IC       1         69       075-0339-00       JACK       1         70       075-0324-01       JACK       1         71       092-0612-03       ANTENNA RECEPTACLE       1         72       013-3880-02       SWITCH       2         73       074-1042-16       OUTLET SOCKET(16P)       1         74       060-7000-00       RF-MODULATOR       1         75       074-0731-28       OUTLET SOCKET(12P)       1	51		_1_
53       855-6310-01       ANTENNA CORD       1         54       731-3006-81       TAPTIGHT       1         58       331-0042-00       SHIELD CASE       1         59       331-0041-00       SHIELD COVER       1         60       347-3895-00       SPACER PLATE       1         62       347-3309-00       INSULATOR (SHADE)       1         63       013-3974-00       SWITCH       1         64       013-3932-00       SWITCH       3         65       013-3741-11       SWITCH       5         66       941-0203-90       TUNER PACK       1         67       103-1266-00       TRANSISTOR       1         68       051-1788-00       IC       1         69       075-0339-00       JACK       1         70       075-0324-01       JACK       1         71       092-0612-03       ANTENNA RECEPTACLE       1         72       013-3880-02       SWITCH       2         73       074-1042-16       OUTLET SOCKET(16P)       1         74       060-7000-00       RF-MODULATOR       1         75       074-0731-28       OUTLET SOCKET(12P)       1			_1
54       731-3006-81       TAPTIGHT       1         58       331-0042-00       SHIELD CASE       1         59       331-0041-00       SHIELD COVER       1         60       347-3895-00       SPACER PLATE       1         62       347-3309-00       INSULATOR (SHADE)       1         63       013-3974-00       SWITCH       3         64       013-3932-00       SWITCH       3         65       013-3741-11       SWITCH       5         66       941-0203-90       TUNER PACK       1         67       103-1266-00       TRANSISTOR       1         68       051-1788-00       IC       1         69       075-0339-00       JACK       1         70       075-0339-00       JACK       1         71       092-0612-03       ANTENNA RECEPTACLE       1         72       013-3880-02       SWITCH       2         73       074-1042-16       OUTLET SOCKET(16P)       1         74       060-7000-00       RF-MODULATOR       1         75       074-0731-28       OUTLET SOCKET(12P)       1         76       074-0884-00       OUTLET SOCKET(13P)       1			
58         331-0042-00         SHIELD CASE         1           59         331-0041-00         SHIELD COVER         1           60         347-3895-00         SPACER PLATE         1           62         347-3309-00         INSULATOR (SHADE)         1           63         013-3974-00         SWITCH         3           64         013-3932-00         SWITCH         3           65         013-3741-11         SWITCH         5           66         941-0203-90         TUNER PACK         1           67         103-1266-00         TRANSISTOR         1           68         051-1788-00         IC         1           69         075-0339-00         JACK         1           70         075-0339-00         JACK         1           71         092-0612-03         ANTENNA RECEPTACLE         1           72         013-3880-02         SWITCH         2           73         074-1042-16         OUTLET SOCKET(16P)         1           74         060-7000-00         RF-MODULATOR         1           75         074-0731-28         OUTLET SOCKET(12P)         1           76         074-0884-00         OUTLET SOCKET(13P	54		
59         331-0041-00         SHIELD COVER         1           60         347-3895-00         SPACER PLATE         1           62         347-3309-00         INSULATOR (SHADE)         1           63         013-3974-00         SWITCH         1           64         013-3932-00         SWITCH         3           65         013-3741-11         SWITCH         5           66         941-0203-90         TUNER PACK         1           67         103-1266-00         TRANSISTOR         1           68         051-1788-00         IC         1           69         075-0339-00         JACK         1           70         075-0324-01         JACK         1           71         092-0612-03         ANTENNA RECEPTACLE         1           72         013-3880-02         SWITCH         2           73         074-1042-16         OUTLET SOCKET(16P)         1           74         060-7000-00         RF-MODULATOR         1           75         074-0731-28         OUTLET SOCKET(12P)         1           76         074-0884-00         OUTLET SOCKET(13P)         1           77         074-1022-01         OUTLET SOC		331-0042-00   SHIELD CASE	1
60       347-3895-00 SPACER PLATE       1         62       347-3309-00 INSULATOR (SHADE)       1         63       013-3974-00 SWITCH       1         64       013-3932-00 SWITCH       3         55       013-3741-11 SWITCH       5         66       941-0203-90 TUNER PACK       1         67       103-1266-00 TRANSISTOR       1         68       051-1788-00 IC       1         69       075-0339-00 JACK       1         70       075-0324-01 JACK       1         71       092-0612-03 ANTENNA RECEPTACLE       1         72       013-3880-02 SWITCH       2         73       074-1042-16 OUTLET SOCKET(16P)       1         74       060-7000-00 RF-MODULATOR       1         75       074-0731-28 OUTLET SOCKET(28P)       1         76       074-0884-00 OUTLET SOCKET(12P)       1         76       074-1022-01 OUTLET SOCKET(13P)       1         78       074-1030-00 OUTLET SOCKET(13P)       1         79       013-5002-00 SWITCH       1	59		
62       347-3309-00 INSULATOR (SHADE)       1         63       013-3974-00 SWITCH       1         64       013-3932-00 SWITCH       3         65       013-3741-11 SWITCH       5         66       941-0203-90 TUNER PACK       1         67       103-1266-00 TRANSISTOR       1         68       051-1788-00 IC       1         69       075-0339-00 JACK       1         70       075-0324-01 JACK       1         71       092-0612-03 ANTENNA RECEPTACLE       1         72       013-3880-02 SWITCH       2         73       074-1042-16 OUTLET SOCKET(16P)       1         74       060-7000-00 RF-MODULATOR       1         75       074-0731-28 OUTLET SOCKET(28P)       1         76       074-031-28 OUTLET SOCKET(12P)       1         77       074-1032-01 OUTLET SOCKET(13P)       1         78       074-1030-00 OUTLET SOCKET(VIDEO)       1         79       013-5002-00 SWITCH       1		347-3895-00 SPACER PLATE	
63 013-3974-00 SWITCH 1 64 013-3932-00 SWITCH 3 65 013-3741-11 SWITCH 5 66 941-0203-90 TUNER PACK 1 67 103-1266-00 TRANSISTOR 1 68 051-1788-00 IC 1 69 075-0339-00 JACK 1 70 075-0324-01 JACK 1 71 092-0612-03 ANTENNA RECEPTACLE 1 72 013-3880-02 SWITCH 2 73 074-1042-16 OUTLET SOCKET(16P) 1 74 060-7000-00 RF-MODULATOR 1 75 074-0731-28 OUTLET SOCKET(28P) 1 76 074-0884-00 OUTLET SOCKET(12P) 1 77 074-1022-01 OUTLET SOCKET(13P) 1 78 074-1030-00 OUTLET SOCKET(VIDEO) 1 79 013-5002-00 SWITCH 1			
64       013-3932-00   SWITCH       3         65       013-3741-11   SWITCH       5         66       941-0203-90   TUNER PACK       1         67       103-1266-00   TRANSISTOR       1         68       051-1788-00   IC       1         69       075-0339-00   JACK       1         70       075-0324-01   JACK       1         71       092-0612-03   ANTENNA RECEPTACLE       1         72       013-3880-02   SWITCH       2         73       074-1042-16   OUTLET SOCKET(16P)       1         74       060-7000-00   RF-MODULATOR       1         75       074-0731-28   OUTLET SOCKET(28P)       1         76       074-0884-00   OUTLET SOCKET(12P)       1         77       074-1022-01   OUTLET SOCKET(13P)       1         78       074-1030-00   OUTLET SOCKET(VIDEO)       1         79       013-5002-00   SWITCH       1			
65         013-3741-11         SWITCH         5           66         941-0203-90         TUNER PACK         1           67         103-1266-00         TRANSISTOR         1           68         051-1788-00         IC         1           69         075-0339-00         JACK         1           70         075-0324-01         JACK         1           71         092-0612-03         ANTENNA RECEPTACLE         1           72         013-3880-02         SWITCH         2           73         074-1042-16         OUTLET SOCKET(16P)         1           74         060-7000-00         RF-MODULATOR         1           75         074-0731-28         OUTLET SOCKET(28P)         1           76         074-0884-00         OUTLET SOCKET(12P)         1           77         074-1022-01         OUTLET SOCKET(13P)         1           78         074-1030-00         OUTLET SOCKET(VIDEO)         1           79         013-5002-00         SWITCH         1	64	013-3932-00 SWITCH	
103-1266-00   TUNER PACK   1   1   1   1   1   1   1   1   1	65	013-3741-11 SWITCH	
67     103-1266-00 TRANSISTOR     1       68     051-1788-00 IC     1       69     075-0339-00 JACK     1       70     075-0324-01 JACK     1       71     092-0612-03 ANTENNA RECEPTACLE     1       72     013-3880-02 SWITCH     2       73     074-1042-16 OUTLET SOCKET(16P)     1       74     060-7000-00 RF-MODULATOR     1       75     074-0731-28 OUTLET SOCKET(28P)     1       76     074-0884-00 OUTLET SOCKET(12P)     1       77     074-1022-01 OUTLET SOCKET(13P)     1       78     074-1030-00 OUTLET SOCKET(VIDEO)     1       79     013-5002-00 SWITCH     1		941-0203-90   TUNER PACK	
68         051-1788-00 IC         1           69         075-0339-00 JACK         1           70         075-0324-01 JACK         1           71         092-0612-03 ANTENNA RECEPTACLE         1           72         013-3880-02 SWITCH         2           73         074-1042-16 OUTLET SOCKET(16P)         1           74         060-7000-00 RF-MODULATOR         1           75         074-0731-28 OUTLET SOCKET(28P)         1           76         074-084-00 OUTLET SOCKET(12P)         1           77         074-1022-01 OUTLET SOCKET(13P)         1           78         074-1030-00 OUTLET SOCKET(VIDEO)         1           79         013-5002-00 SWITCH         1	37	103-1266-00 TRANSISTOR	
69 075-0339-00 JACK 1 70 075-0324-01 JACK 1 71 092-0612-03 ANTENNA RECEPTACLE 1 72 013-3880-02 SWITCH 2 73 074-1042-16 OUTLET SOCKET(16P) 1 74 060-7000-00 RF-MODULATOR 1 75 074-0731-28 OUTLET SOCKET(28P) 1 76 074-0884-00 OUTLET SOCKET(12P) 1 77 074-1022-01 OUTLET SOCKET(13P) 1 78 074-1030-00 OUTLET SOCKET(VIDEO) 1 79 013-5002-00 SWITCH 1	86		
70 075-0324-01 JACK 1 71 092-0612-03 ANTENNA RECEPTACLE 1 72 013-3880-02 SWITCH 2 73 074-1042-16 OUTLET SOCKET(16P) 1 74 060-7000-00 RF-MODULATOR 1 75 074-0731-28 OUTLET SOCKET(28P) 1 76 074-0884-00 OUTLET SOCKET(12P) 1 77 074-1022-01 OUTLET SOCKET(13P) 1 78 074-1030-00 OUTLET SOCKET(VIDEO) 1 79 013-5002-00 SWITCH 1		075-0339-00 JACK	
71		075-0324-01 JACK	
72 013-3880-02   SWITCH 2 73 074-1042-16   OUTLET SOCKET(16P) 1 74 060-7000-00   RF-MODULATOR 1 75 074-0731-28   OUTLET SOCKET(28P) 1 76 074-0884-00   OUTLET SOCKET(12P) 1 77 074-1022-01   OUTLET SOCKET(13P) 1 78 074-1030-00   OUTLET SOCKET(VIDEO) 1 79 013-5002-00   SWITCH 1	71	092-0612-03 ANTENNA RECEPTACLE	_
73 074-1042-16 OUTLET SOCKET(16P) 1 74 060-7000-00 RF-MODULATOR 1 75 074-0731-28 OUTLET SOCKET(28P) 1 76 074-0884-00 OUTLET SOCKET(12P) 1 77 074-1022-01 OUTLET SOCKET(13P) 1 78 074-1030-00 OUTLET SOCKET(VIDEO) 1 79 013-5002-00 SWITCH 1	72	013-3880-02 SWITCH	
74   060-7000-00   RF-MODULATOR   1   1   1   1   1   1   1   1   1	73	074-1042-16 OUTLET SOCKET(16P)	_
75 074-0731-28 OUTLET SOCKET(28P) 1 76 074-0884-00 OUTLET SOCKET(12P) 1 77 074-1022-01 OUTLET SOCKET(13P) 1 78 074-1030-00 OUTLET SOCKET(VIDEO) 1 79 013-5002-00 SWITCH 1	74	060-7000-00 RF-MODULATOR	
76 074-0884-00 OUTLET SOCKET(12P) 1 77 074-1022-01 OUTLET SOCKET(13P) 1 78 074-1030-00 OUTLET SOCKET(VIDEO) 1 79 013-5002-00 SWITCH 1		074-0731-28 OUTLET SOCKET(28P)	
77 074-1022-01 OUTLET SOCKET(13P) 1 78 074-1030-00 OUTLET SOCKET(VIDEO) 1 79 013-5002-00 SWITCH 1	76	074-0884-00 OUTLET SOCKET(12P)	_
78 074-1030-00 OUTLET SOCKET(VIDEO) 1 79 013-5002-00 SWITCH 1	77	074-1022-01   OUTLET SOCKET(13P)	
79 013-5002-00 SWITCH 1	78	074-1030-00 OUTLET SOCKET/VIDEON	
		013-5002-00 SWITCH	
		017-0422-02 PILOTLAMP	+











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# **■ CIRCUIT DIAGRAM 3/3**

